

Life Science Research

2009

BIO-RAD

Contact Information

By Phone

To contact Bio-Rad from within the United States by phone, call **1-800-4BIORAD** (1-800-424-6723).

Press 1 For Sales and Customer Service

To place your order or to request current product pricing, information, and availability. Orders placed by 3 PM Pacific time will ship the same day if available in inventory.

Press 2 For Technical Support and Instrument Repair

For technical questions and information on instrument operation, or to request instruction manuals, product samples, and troubleshooting procedures.

Press 3 For Literature

To request catalogs, instruction manuals, Bio-Rad bulletins, and material safety data sheets (MSDSs).

Press 4 For an Operator

For assistance in finding the appropriate department for your needs.

By Fax

For Sales and Customer Service

Fax 1-800-879-2289

For Technical Support

Fax 1-510-741-5802

By Mail

Bio-Rad Laboratories, Inc.
2000 Alfred Nobel Drive
Hercules, CA 94547

By Email

For Sales and Customer Service

lsg.orders.us@bio-rad.com

For Technical Support

lsg_techserv_us@bio-rad.com

Online Services

discover.bio-rad.com

Visit **discover.bio-rad.com** to access our online services for life science research.

E-Commerce*

- View list prices
- Access account-specific pricing
- Shop online with a purchase order or credit card
- View Web specials
- Get a personal home page that displays products and events for you
- View purchase history, order status, and stock availability
- Access quick order form directly on your home page
- Contact your account manager
- Request a quotation
- Manage your purchasing with a workflow approval feature for purchasing managers with multiple users

Product Resources

- Searchable product catalog
- Product specifications, literature, and instruction manuals
- Software demonstrations and downloads

24 Hour Technical Support

- Extensive product and application literature libraries
- Downloadable instruction manuals and MSDSs for most products
- Self-help database of thousands of frequently asked questions
- Contact information for local technical support
- Online personal technical support

* Partial registration or registration with account number required, depending on service.

Prices are valid in the United States only and are subject to change without notice. Due to the nature of new products, some items in this supplement may not be available for immediate purchase. Contact your local Bio-Rad sales representative for more information.

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This supplement contains information on new products and literature. For information on other products, refer to the 2008/09 Life Science Research product catalog, or visit us on the Web at discover.bio-rad.com.

Note: Due to the nature of new products, some items in this supplement may not be available for immediate purchase. For more information, contact your local Bio-Rad sales representative.

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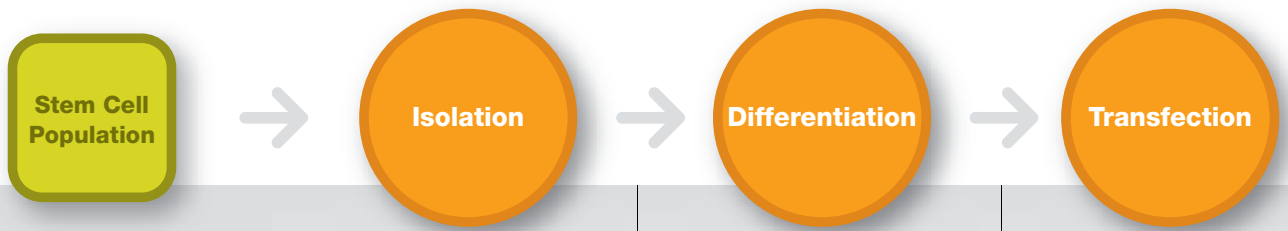
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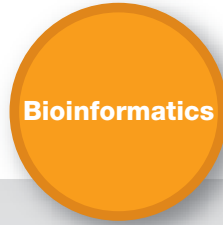
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Stem Cell Research



	Isolation	Differentiation	Transfection
Description	Isolate and separate individual stem cell populations and their derivatives. Ensure that cells retain their functionality and potential for differentiation	Control and activate stem cell differentiation to desired lineage, yielding functionally active differentiated cells	Introduce nucleic acid to cells to control stemness and/or protein expression
Applications			
Stem cell nucleic acid profiling	●	●	●
Stem cell protein profiling	●	●	●
Technologies	Cell culture Cell sorting Cell imaging and analysis	RNAi Growth factors Immunocytochemistry	Electroporation Biolistic particle delivery Lipid-mediated transfection RNAi
Related Products	10x Phosphate buffered saline Gelatin, EIA grade IEP/IEF agarose Lysozyme	10x Phosphate buffered saline Gelatin, EIA grade IEP/IEF agarose Xcluda™ pipet tips Seque/Pro™ pipet tips	    Gene Pulser MXcell™ electroporation system Gene Pulser® electroporation buffer Gene Pulser Xcell™ electroporation system TransFectin™ lipid reagent siLentFect™ lipid reagent for RNAi Helios® gene gun system PDS-1000/He™ and Hepta™ systems



Identify molecular profiles characteristic of cell state, type, and/or disease. Understand mechanisms that regulate self renewal, differentiation, cell cycle control, and other biological processes. Address misidentification and cross contamination

Analyze single/multiple data types to better understand and characterize specific stem cell populations and their role in specific therapeutics and/or model systems

Stem cells are self-replicating and can give rise to specialized cells, so they have the potential to replace cell tissue destroyed by severe illness or other causes. Understanding how stem cells develop into healthy or dysfunctional cells is critical to the discovery of cures for a myriad of diseases.

The Bio-Rad product portfolio provides innovative tools for characterizing and understanding cell regulation and disease states. Transfection reagents and instrumentation are optimized for various cell lines, including fragile stem cell populations. A full line of conventional and real-time thermal cyclers and reagents ensure robust and reproducible results in genomic-based applications. Protein research-based tools — whether using SDS-PAGE or chromatographic methods — help characterize and purify proteins of interest. Bioinformatics tools range from traditional image analysis to true multidata-type solutions that can be scaled for a variety of throughput requirements. For more information on resources to support advances in stem cell research, go to discover.bio-rad.com.

Protein

- Sample preparation
- Purification
- Blotting
- Multiplex suspension array
- Automated electrophoresis

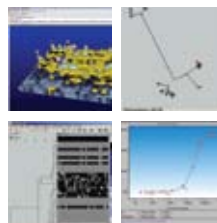
Nucleic Acid

- Sample preparation
- Automated electrophoresis
- 1-D electrophoresis
- Blotting
- PCR
- Real-time PCR

- Image analysis
- Microarray analysis
- Multiplex suspension array
- Real-time PCR analysis
- Multiple data type analysis



- Criterion™ cell and precast gels
- Experion™ automated electrophoresis system
- ProteoMiner™ protein enrichment kits
- Profinia™ protein purification system
- Bio-Plex® suspension array system
- C1000™/S1000 thermal cyclers
- CFX96™/CFX384™ real-time PCR detection systems
- iScript cDNA Synthesis Kits
- iQ™ SYBR® Green supermix
- PCR plastic consumables



- Quantity One® 1-D analysis software
- Bio-Plex Manager™ software
- CFX Manager™ software
- InfoQuest™FP software
- FPQuest™ software

Ordering and General Information

About Bio-Rad Laboratories, Inc.

Bio-Rad was founded over 50 years ago to serve the needs of research, industry, and clinical laboratories. Through a network of more than 30 wholly owned subsidiary offices and local distributors, Bio-Rad offers a broad range of products and services to life science and clinical diagnostics researchers worldwide.

For more information on Bio-Rad Laboratories, Inc. and its product groups, which include Life Science Research, Life Science Education, Process Separations, Food/Animal/Environmental Testing, Clinical Diagnostics, and Spectroscopy/Informatics, visit us on the Web at **Bio-Rad.com**.

How to Order From Bio-Rad

For orders, quotations, or information, contact Bio-Rad at:

Toll-free telephone: 1-800-4BIORAD (1-800-424-6723)

Toll-free fax: 1-800-879-2289

Email: lsg.orders.us@bio-rad.com

Online: discover.bio-rad.com

Address: Bio-Rad Laboratories, Inc.,
2000 Alfred Nobel Drive, Hercules, CA 94547

Payment Methods

Bio-Rad accepts payment using Visa, MasterCard, American Express, procurement cards, or purchase orders with a valid Bio-Rad account.

Phone-In Hours

Representatives are available to take orders Monday through Friday, from 5 AM to 5 PM Pacific time. To avoid duplication of telephone orders, do not send a confirming order unless the sales office asks you to do so.

Information Needed

When placing orders, please provide the following:

- Your Bio-Rad customer account number
- Your billing and shipping addresses
- Your purchase order or credit card number
- Product catalog number, description, and quantity

Special Orders, Custom Services, and Bulk Packaging

Bio-Rad provides custom orders and services. Many products can also be supplied in bulk; request a quotation for price and delivery information for bulk orders. Contact your local Bio-Rad office for more information.

Online Ordering for U.S. Customers

Visit us on the Web at **discover.bio-rad.com** for information on online ordering; registration with a valid Bio-Rad account number is required. For further Web order support, email us at lsg_ebusiness_support@bio-rad.com.

E-Procurement

For electronic procurement services, contact Bio-Rad's e-business team at 1-800-4BIORAD (1-800-424-6723) and enter ext. EBIZ (3249) or press one of the selections for assistance. You can also email us at B2B@bio-rad.com.

Prices and Terms

Prices

Prices are in U.S. dollars, and are subject to change without notice. Prices that are in effect when your order is received will apply. Freight charges and special packaging charges, when they apply, will be prepaid and added to the invoice unless specifically quoted. Call Bio-Rad if you require current prices prior to placing your order. Standard payment terms are net 30 days.

Perishable and Hazardous Materials Surcharges

Orders for products classified as dangerous goods and those requiring special packaging with blue ice or dry ice will be assessed the following additional charges:

Blue ice packaging	\$8.00
Dry ice packaging	\$15.00
Dangerous goods surcharge	\$15.00–35.00
Accessible dangerous goods surcharge. . .	\$15.00–65.00

When these fees are applicable, Bio-Rad will advise you at the time the order is accepted.

FCA Points

Hercules, CA, is the FCA point for all orders within the U.S. unless otherwise stated on a quotation. See inside back cover for FCA points outside the U.S.

Patent Disclaimer

Bio-Rad Life Science Research products are intended for research use only. Bio-Rad also does not warrant that the use of products described in this catalog will not infringe the claims of any patents covering the product itself or the use of these products in combination with other products or in the operation of any process.

Claims and Returns

Bio-Rad attempts to fill, check, and ship orders promptly. If errors or damages occur, report them to Bio-Rad immediately. Report shipping damage to the carrier. Keep all containers and packing materials until an inspection is made. To return a product, contact Customer Service at 1-800-4BIORAD (1-800-424-6723). Bio-Rad cannot accept returns without prior authorization. Equipment must be accompanied by a decontamination certificate issued by the Bio-Rad sales office. There is a nominal restocking fee on returned products. Bio-Rad cannot authorize return of products erroneously ordered by customers if the products require shipment on dry or blue ice. When you call, be prepared to supply your account number, address, purchase order number, reference number, shipping date, product description, and catalog number.

Warranty Information

All Bio-Rad products are guaranteed to meet the specifications listed in our catalog. If you have questions about specifications or performance, call the Bio-Rad Technical Support department at 1-800-4BIORAD (1-800-424-6723). Should a Bio-Rad branded product fail to meet specifications during its warranty period, it shall be repaired or replaced at Bio-Rad's discretion. Warranty periods are listed on quotations for specific products; however, instruments generally receive 1 year of warranty coverage from the date of shipment or installation. Instrument warranties do not include consumable parts, such as lamps, lasers, and platinum wire. Repairs have different warranty periods. Chemicals and other consumables are warranted through their expiration date, or for 1 year from shipment if no expiration date is indicated. Non-Bio-Rad branded products, such as computers and computer peripherals, are covered by the original equipment manufacturer's warranty. Warranties are not transferable from the original purchaser. Warranty coverage may be void if the product is moved outside of the country where the product was originally purchased. An optional extended warranty program is available. For more information, call 1-877-BIORAD1 (1-877-246-7231) for Service Sales.

Customer Services

Product Selection and Demonstrations

Bio-Rad Direct consultants are available for assistance with selecting the best product for an application. Live help is available from 5 AM to 5 PM Pacific time at 1-877-BIORAD1 (1-877-246-7231) or via email at: bio-rad_direct@bio-rad.com.

To request a demonstration or a visit from a field sales representative, call 1-877-BIORAD1 (1-877-246-7231) or via email at: bio-rad_direct@bio-rad.com.

Technical Support

Specialists, most of whom have advanced degrees, are available to advise you on questions about products, techniques, or applications. Call the Technical Support hotline at 1-800-4BIORAD (1-800-424-6723), between 5 AM and 5 PM Pacific time. Technical support is also available on the Web at discover.bio-rad.com, or you can email Technical Support directly at lsg.techserv.us@bio-rad.com. You can also obtain answers to specific technical questions online via the appropriate support pages.

Instrument Service

If the instrument you purchased requires service or repair, call 1-800-4BIORAD (1-800-424-6723), and select Technical Support. A Technical Support consultant will arrange for any necessary repairs. Bio-Rad also provides on-site instrument service for certain instruments when this is the most efficient means of providing prompt service.



ordering and general information

Literature Requests

For fast service when you need a specific piece of literature, visit us on the Web at discover.bio-rad.com, or use the Bio-Rad literature request line. Most literature, including instruction manuals and MSDSs, can be downloaded online. The literature request line is open 7 AM to 4 PM Pacific time (call 1-800-4BIORAD, 1-800-424-6723). At other times, you may leave a recorded message describing the literature you need; please include your name, address, and phone number.

On-Site Stocking Programs

- On-site access to reagents and consumables when you need them — we supply freezer systems, dry cabinets, refrigerators, and combination supply centers
- Free shipping
- Periodic offers
- New product samples
- Convenient online restocking

New Laboratory Setup Program

- A large selection of research equipment and reagents
- Discounts on selected instruments
- Special discounts on reagents and other consumables
- Outstanding technical support and customer service
- Access to online ordering and Web-only special offers

Seminars and On-Site Workshops

Every year Bio-Rad hosts more than 300 professional seminars (including online Web seminars), user groups, and workshops. Our product and application experts are ready to help you learn ways to facilitate your research.

To request one of these informative programs for your institution, contact your account manager. Call 1-877-BIORAD1 (1-877-246-7231) for Bio-Rad Direct, and ask for your local representative.

New Product Highlights

Sample Preparation

ProteoMiner™ Protein Enrichment Kits Scaled to Starting Sample Sizes

ProteoMiner kits are now offered in formats optimized for varying starting amounts of sample protein. Small-capacity kits are optimized for use with limited starting sample material; large-capacity kits are optimized for use with samples in which at least 50 mg of protein is available. See page S2.



Chromatography: Media and Columns

UNOsphere SUPra™ Affinity Media

Developed for monoclonal antibody capture chromatography, UNOsphere SUPra media provide an ideal balance between dynamic binding capacity, flow properties, and stability. As part of the proven UNOsphere™ media platform, UNOsphere SUPra media offer flexibility and a predictable scale-up path to address antibody purification challenges. See pages S3–S4.

New Prepacked Bio-Scale Mini™ Cartridge Options

UNOsphere™ Rapid S (strong cation exchange support), UNOsphere SUPra™ (for protein A-based affinity chromatography), and CFT™ (ceramic fluoroapatite) media are now prepacked in Bio-Scale Mini cartridges. Two cartridge-based kits are also now available: one for purification using apatite (CFT ceramic fluoroapatite and CHT™ ceramic hydroxyapatite) and one for monoclonal antibody purification. See pages S5–S7.



Chromatography: Affinity Purification Systems

Profinia™ Protein Purification System Preprogrammed Method Updates

Initially developed to automate IMAC and GST affinity purification and desalting, the Profinia protein purification system now includes preprogrammed methods for purifications based on the Profinity eXact™ fusion-tag system (affinity purification and tag removal in an integrated process) and protein A and protein G methods (affinity purification of monoclonal and polyclonal antibodies from a variety of sources). See pages S8–S9.

Automated Electrophoresis

Experion™ Software, Version 3.0 Release

Version 3.0 of Experion software builds on the flexibility of earlier software releases with added data-handling functionality and more control over data analysis, including the automatic generation of a validated RNA quality indicator (RQI) number that correlates with eukaryotic total RNA sample integrity. See page S10.

Electrophoresis and Blotting: Apparatus

Updates to Line of Horizontal Electrophoresis Cells

The popular Mini-Sub[®] cell GT, wide Mini-Sub cell GT, and Sub-Cell[®] GT cell models have been redesigned to feature arrows on each side of the base to indicate run direction and ensure proper gel orientation, color-coded and labeled electrodes and base to guarantee correct lid positioning, and built-in level bubble to ensure precise gel casting. See page S11.

Imaging Instruments

Criterion Stain Free[™] Gel Imaging System

The Criterion Stain Free gel imaging system allows direct visualization, analysis, and documentation of protein samples in SDS-PAGE gels with the single touch of a button, without staining, destaining, or gel drying procedures. See pages S12–S15.



Protein Interaction Analysis

ProteOn[™] XPR36 System Regulatory Tools

System regulatory tools for the ProteOn XPR36 protein interaction array system were developed to help achieve U.S. FDA 21 CFR part 11 compliance and test critical system functions. The Security Edition of ProteOn Manager[™] software includes audit trails, electronic signatures, data validation, user log-ins and permissions, and closed-system security. The ProteOn XPR36 installation qualification/operation qualification kit ensures reliability and consistency of system performance. See pages S16–S17.

SELDI Technology

3 New Choices in ProteinChip[®] SELDI-Based Kits

The updated ProteinChip system starter kit is a focused training tool designed to get new users up and running fast, and the ProteinChip peptide mass calibration kit provides fast and convenient calibrations in the peptide region. See page S18.

The ProteinChip β -amyloid MPD kit provides detection of multiple amyloid beta fragmentation products simultaneously. The kit includes new ProteinChip arrays that incorporate 6E10 antibody on the surface and are ready to use from the package, or choose a customizable kit configuration to couple your own antibody to the specially designed reactive surface ProteinChip arrays. For information on how to order this kit, visit www.bio-rad.com/proteinchip/betaamyloid/.



ProteinChip® Data Manager Software, Version 4.0

ProteinChip data manager software both controls the ProteinChip SELDI reader and includes a robust relational database system for managing and tracking ProteinChip SELDI data. The new Desktop Edition of the software allows users to analyze their SELDI experiments even when disconnected from the network server. See pages S19–S20.

Multiplex Suspension Array Technology

Bio-Plex Pro™ Wash Stations and Plates

Wash stations eliminate manual wash steps from Bio-Plex Pro assays, and are available in two versions: Bio-Plex Pro and Bio-Plex Pro II wash stations. The Bio-Plex Pro wash station incorporates a magnetic plate carrier, which allows for quick magnetic separations, aspiration from the surface of liquid, and wash buffer dispensation to achieve hands-free washing in 96-well plates. The Bio-Plex Pro II wash station includes both the magnetic carrier and an interchangeable vacuum manifold and provides the added flexibility of utilizing either vacuum filtration or magnetic separation during washing. See page S21.



Bio-Plex® Assay Additions

Bio-Plex assay standards are now available separately for use as standards or controls in Bio-Plex assays and for longitudinal studies that require a single lot of standards or controls.

Bio-Plex Pro™ cytokine, chemokine, and growth factor assays use magnetic xMAP beads as opposed to polystyrene beads in the Bio-Plex assays. Magnetic beads afford compatibility with Bio-Plex Pro and Bio-Plex Pro II wash stations, providing decreased variability and increased consistency between experiments. See pages S22–S27.

Gene Transfer

Gene Pulser MXcell™ ShockPod™ Cuvette Chamber

The Gene Pulser MXcell ShockPod cuvette chamber expands the capabilities of the Gene Pulser MXcell electroporation system, enabling simple transfer of protocols from standard cuvettes to electroporation plates in one system. See page S28.



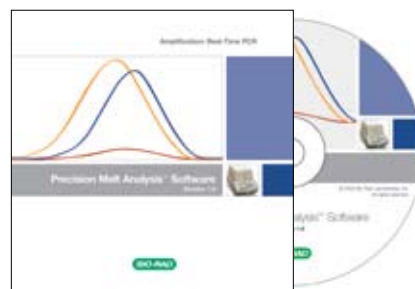
Amplification/PCR

CFX384™ Real-Time PCR Detection System

The CFX384 real-time PCR detection system brings flexibility and simplicity to researchers performing high-throughput real-time PCR in a 384-well format, with up to four-target detection and powerful data analysis. With the precise thermal control of the C1000™ thermal cycler, the CFX384 system delivers sensitive, reliable detection for real-time PCR applications, including absolute quantitation, genetic variation analysis, and gene expression. See page S30.

Amplification Software Releases

CFX Manager™ software, Security Edition, offers all the features of CFX Manager software, plus important tools such as mandatory password-protected log-in, hardware protection, electronic signatures, and file encryption for compliance with U.S. FDA 21 CFR Part 11 regulations. C1000 Manager™ software can be used to control multiple connected 1000-series thermal cyclers from a PC. Protocols can be created and edited with C1000 Manager software, then transferred to a C1000™ thermal cycler using a USB portable memory device. Precision Melt Analysis™ software imports data files generated from the CFX96™ or CFX384™ real-time PCR detection system to genotype samples based on the thermal denaturation profiles of double-stranded DNA. See pages S31–S33.



Amplification Reagents

Two new reagents incorporate Bio-Rad's patented* Sso7d fusion protein technology: SsoFast™ EvaGreen® supermix delivers excellent performance in a wide range of qPCR applications, and Hot-start iProof™ DNA polymerase increases the specificity of PCR amplification. iScript™ RT-qPCR sample preparation reagent enables efficient cell lysis, RNA stabilization, and removal of genomic DNA for sensitive quantitative gene expression analysis without RNA purification; reverse transcription and real-time PCR can be performed directly from cell lysates. See pages S34–S36.



Biotechnology Explorer™ Educational Products

Cloning and Sequencing Explorer Series

The Cloning and Sequencing Explorer Series has been designed to help students understand how molecular biology skills and techniques are applied to real-world research projects. From DNA extraction to computer-based sequence analysis, this modular kit is designed as a 6–8 week series of lab activities in which students clone and analyze a plant housekeeping gene that encodes glyceraldehyde-3-phosphate dehydrogenase, *GAPDH*. See pages S37–S38.

Process Chromatography Applications Laboratory

A New Service to the Biopharmaceutical Industry

Bio-Rad Laboratories welcomes you to our pilot-scale development laboratory for process chromatography located at our headquarters in Hercules, California. The laboratory offers access to state-of-the-art chromatography equipment and media and to the expertise of our team of separations scientists and engineers. Working with laboratory staff, you will have the opportunity to operate chromatography hardware, optimize your packing procedures, and review optimal solutions for your manufacturing processes.



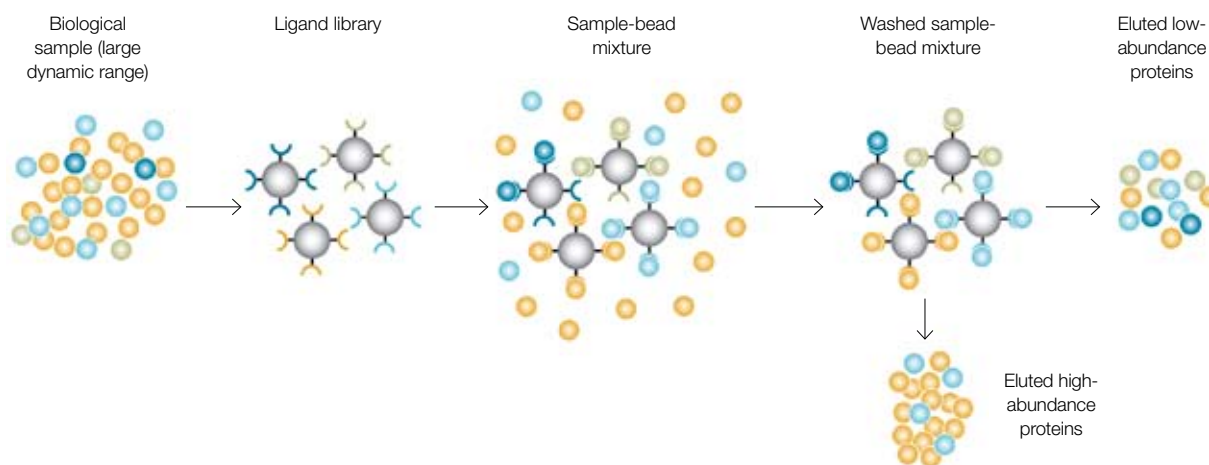
* U.S. patent 6,627,424.

ProteoMiner™ Protein Enrichment System

The presence of high-abundance proteins in biological samples (for example, albumin or IgG in serum or plasma) makes the detection of low-abundance proteins extremely challenging. The ProteoMiner protein enrichment system is a novel sample preparation tool for reducing the dynamic range of protein concentrations in complex biological samples. The ProteoMiner system:



- Utilizes a combinatorial library of hexapeptides rather than immunodepletion, minimizing the dependence on available antibodies and preventing the codepletion of low-abundance proteins
- Enriches and concentrates low-abundance proteins that cannot be detected through traditional methods
- Works with a variety of sample types (serum, plasma, urine, bile, and platelets)



ProteoMiner protein enrichment system. Each bead has a different hexapeptide ligand with affinity for a specific protein in a sample. When a complex protein sample is incubated with the ligand library, protein components find their binding partners. Excess high-abundance proteins are not captured on binding sites and are depleted once the beads are washed. In contrast, low-abundance proteins are concentrated on their specific affinity ligands. In this way, low-abundance proteins are enriched relative to the high-abundance proteins in the sample.

ProteoMiner protein enrichment system

ProteoMiner™ Small- and Large-Capacity Kits

ProteoMiner kits for protein enrichment are now offered in formats optimized for varying starting amounts of sample protein.

- **Small-capacity kits** — optimized for use with limited sample material (minimum 10 mg of protein is recommended)
- **Large-capacity kits** — optimized for use with samples in which at least 50 mg of protein is available

ProteoMiner Protein Enrichment Kits

ProteoMiner protein enrichment kits provide all the necessary reagents for accessing low-abundance proteins, utilizing a single elution reagent in a simple, easy-to-perform process. The kits can be used with a variety of biological samples and are compatible with all major downstream proteomics applications. Small- and large-capacity kits are available for processing 2 or 10 samples.

ProteoMiner Sequential Elution Kits

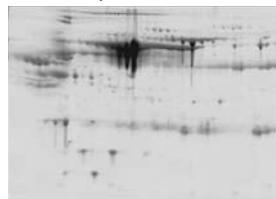
ProteoMiner sequential elution kits utilize multiple elution reagents to sequentially elute proteins based on different properties. These kits fractionate proteins to improve detection and resolution and have been optimized for SELDI experiments.

ProteoMiner Kit Accessories

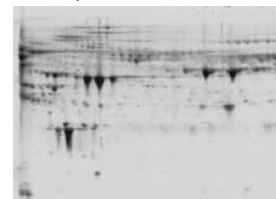
ProteoMiner sequential elution reagents (for use with ProteoMiner protein enrichment kits), and ProteoMiner dry bulk beads (for use with ProteoMiner protein enrichment and sequential elution kits), are also available.

For more information, go to www.bio-rad.com/proteominer/.

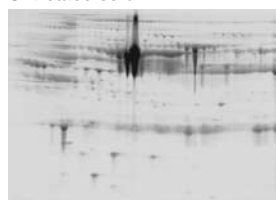
Untreated plasma



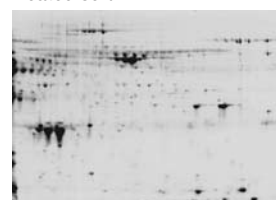
Treated plasma



Untreated serum



Treated serum



Reduction of high-abundance proteins improves detection and resolution of proteins. Left, untreated plasma and serum; right, plasma and serum treated using the ProteoMiner protein enrichment kit.

Ordering Information

Catalog #	Description	Price, US \$
ProteoMiner Protein Enrichment Kits		
163-3006	ProteoMiner Protein Enrichment Small-Capacity Kit , for processing 10 mg of sample, 10 preps, includes 10 spin columns, wash buffer, elution reagents, collection tubes	Inquire
163-3007	ProteoMiner Protein Enrichment Large-Capacity Kit , for processing 50 mg of sample, 10 preps, includes 10 spin columns, wash buffer, elution reagents, collection tubes	Inquire
163-3008	ProteoMiner Protein Enrichment Introductory Small-Capacity Kit , for processing 10 mg of sample, 2 preps, includes 2 spin columns, wash buffer, elution reagents, collection tubes	Inquire
163-3009	ProteoMiner Protein Enrichment Introductory Large-Capacity Kit , for processing 50 mg of sample, 2 preps, includes 2 spin columns, wash buffer, elution reagents, collection tubes	Inquire
ProteoMiner Sequential Elution Kits		
163-3010	ProteoMiner Sequential Elution Small-Capacity Kit , for processing 10 mg of sample, 10 preps, includes 10 spin columns, wash buffer, 4 sequential elution reagents, collection tubes	Inquire
163-3011	ProteoMiner Sequential Elution Large-Capacity Kit , for processing 50 mg of sample, 10 preps, includes 10 spin columns, wash buffer, 4 sequential elution reagents, collection tubes	Inquire
ProteoMiner Kit Accessories		
163-3003	ProteoMiner Sequential Elution Reagents , 10 preps, includes reagents only (columns not included), to be used with 163-3006 or 163-3007	160.00
163-3005	ProteoMiner Dry Bulk Beads , 0.525 mg	Inquire
732-6207	Mini Bio-Spin Chromatography Columns , empty, 100	Inquire

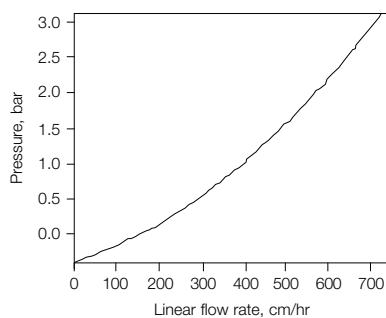
Chromatography Media

Bio-Rad offers a selection of media for separation by ion exchange, hydroxyapatite and fluoroapatite, affinity, size exclusion (gel filtration), and hydrophobic interaction chromatography. For more information, go to www.bio-rad.com/chrommedia/ or www.bio-rad.com/process/.

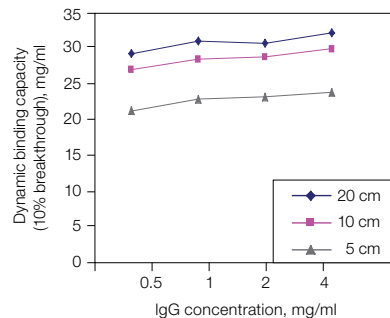
UNOsphere SUPra™ Affinity Media

Developed for monoclonal antibody capture chromatography, UNOsphere SUPra media provides an ideal balance between dynamic binding capacity, flow properties, and stability. The UNOsphere™ hydrophilic polymeric support provides high-quality purifications and batch-to-batch reproducibility. As part of the proven UNOsphere media platform, UNOsphere SUPra media offer flexibility and a predictable scale-up path. With UNOsphere SUPra media, you now have a new tool to tackle demanding antibody purification challenges. Expand capture choices and purify a wider range of antibodies while improving process economics. Key features:

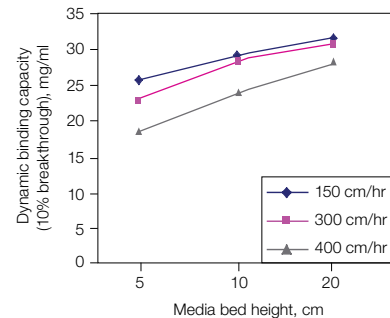
- Built on robust polymeric beads engineered for high mechanical stability, low backpressures, and resistance to repeated clean-in-place cycles
- Designed with large pores that result in high dynamic binding capacities at fast flow rates and optimized to operate under a wide range of flow rates up to 600 cm/hr
- Available in prepacked Bio-Scale™ Mini cartridges for evaluation and method development as well as in manufacturing-scale quantities
- Regulatory support file and application notes are available



Flow performance of UNOsphere SUPra media in Bio-Rad® InPlace™ column (20 x 20 cm; 13% axial compression).



Dynamic binding capacities at increasing antibody concentrations for various column heights at a flow rate of 300 cm/hr.



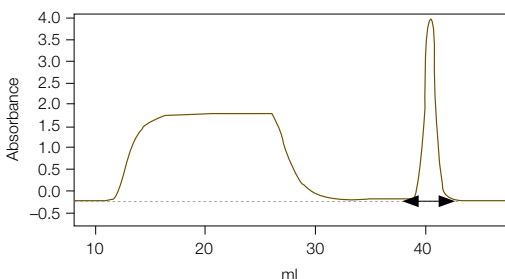
Dynamic binding capacities at various bed heights and flow rates.

chromatography media

Specifications

Composition	Highly cross-linked polymer
Particle size range	53–61 μm
Ligand	Recombinant protein A
Coupling chemistry	Epoxy
Dynamic binding capacity*	30 ± 3 mg/ml at 150 cm/hour 25 ± 2 mg/ml at 300 cm/hour 20 ± 2 mg/ml at 450 cm/hour (Minimum spec: 20 mg/ml at 300 cm/hour)
Chemical stability**	10 mM hydrochloric acid 6 M guanidine hydrochloride 0.1 M arginine (pH 2.8) 0.1 M citrate (pH 2.8) 0.1 M glycine (pH 2.8)
Working pH range	3–11
Cleaning-in-place (CIP) solutions	6 M guanidine hydrochloride 10 mM hydrochloric acid 0.1 M sodium hydroxide 1 M acetic acid/20% ethanol
Recommended mobile phase velocity range	100–600 cm/hr
Temperature stability	2–40°C
Delivery conditions	50% slurry in 20% ethanol
Storage conditions	2–8°C

* 10% breakthrough capacity determined with 1.0 mg/ml polyclonal human IgG in 1.1 x 10 cm column.
** No significant change in chromatographic performance after storage for 24 hr at room temperature.



Narrow elution profile (indicated by arrows) of antibody on UNOsphere SUPrA media.

Ordering Information

Catalog #	Description				Price, US \$
UNOsphere SUPrA Affinity Media*					
156-0218	UNOsphere SUPrA Affinity Media, 25 ml				600.00
156-0219	UNOsphere SUPrA Affinity Media, 100 ml				1,400.00
156-0220	UNOsphere SUPrA Affinity Media, 500 ml				Inquire
156-0221	UNOsphere SUPrA Affinity Media, 5 L				Inquire
156-0222	UNOsphere SUPrA Affinity Media, 10 L				Inquire
Description		1 x 1 ml	5 x 1 ml	1 x 5 ml	
Prepacked Bio-Scale Mini Cartridges					
	UNOsphere SUPrA Affinity Media	732-4200	732-4201	732-4202	Inquire

* Larger volumes and special packaging for industrial applications are available on request.

Prepacked Chromatography Columns

Prepacked chromatography columns include prepacked reusable columns and disposable cartridges. For more information on Bio-Rad prepacked columns, go to www.bio-rad.com/columns/ and for prepacked cartridges, go to www.bio-rad.com/cartridges/.

Prepacked Bio-Scale™ Mini Cartridges and Kits

Bio-Scale Mini cartridges have a patented* double-wall cartridge design that provides extra durability and allows easy, reliable runs at pressures up to 45 psi with aqueous buffers most commonly used for protein separation. The cartridges are prepacked with media for ion exchange, affinity, and hydroxyapatite and fluoroapatite chromatography. The cartridges are convenient, ready to use, and disposable, and the simple luer connections connect easily to any chromatography system (see bulletin 5326). Bio-Rad now offers UNOsphere™ Rapid S, UNOsphere SUPra™, and CFT™ ceramic fluoroapatite media prepacked in Bio-Scale Mini cartridges and two kits: one for purification using apatite (CFT ceramic fluoroapatite and CHT™ ceramic hydroxyapatite) and one for monoclonal antibody purification.



Prepacked Cartridge Selection Guide

Cartridge by Application	Support	Type of Separation	Chemical Form	Binding Capacity*
Protein and Plasmid Purification				
UNOsphere Rapid S media	UNOsphere Rapid S	Strong cation exchange	SO ₃ ⁻	* Human IgG: 60 mg/ml
CFT media	Ceramic fluoroapatite	Fluoroapatite	Ca ₁₀ (PO ₄) ₆ F ₂	Lysozyme: 14–21.5 mg/g
Apatite purification kit	Ceramic hydroxyapatite	Hydroxyapatite	(Ca ₅ (PO ₄) ₃ OH) ₂	** Human IgG: 25–60 mg/ml
	Ceramic fluoroapatite	Fluoroapatite	Ca ₁₀ (PO ₄) ₆ F ₂	Lysozyme: 14–21.5 mg/g
Protein Purification				
UNOsphere Rapid S media	UNOsphere Rapid S	Strong cation exchange	SO ₃ ⁻	* Human IgG: 60 mg/ml
CFT media	Ceramic fluoroapatite	Fluoroapatite	Ca ₁₀ (PO ₄) ₆ F ₂	Lysozyme: 14–21.5 mg/g
Apatite purification kit	Ceramic hydroxyapatite	Hydroxyapatite	(Ca ₅ (PO ₄) ₃ OH) ₂	** Human IgG: 25–60 mg/ml
	Ceramic fluoroapatite	Fluoroapatite	Ca ₁₀ (PO ₄) ₆ F ₂	Lysozyme: 14–21.5 mg/g
Antibody Purification				
CFT media	Ceramic fluoroapatite	Fluoroapatite	Ca ₁₀ (PO ₄) ₆ F ₂	Lysozyme: 14–21.5 mg/g
UNOsphere SUPra media	UNOsphere SUPra	Affinity	rProtein A	* Human IgG: 30 mg/ml
Monoclonal Antibody Purification				
mAb purification kit	UNOsphere SUPra	Affinity	rProtein A	* Human IgG: 30 mg/ml
	CHT Type I, 40 μm	Hydroxyapatite	(Ca ₅ (PO ₄) ₃ OH) ₂	** Human IgG: 25–60 mg/ml
	UNOsphere Q	Strong anion exchange	-N ⁺ (CH ₃) ₃	* BSA 180 mg/ml

* Flow rate = 150 cm/hr; ** flow rate = 300 cm/hr.

* U.S. patent 7,208,087.

prepacked chromatography columns

Bio-Scale Mini UNOsphere Rapid S Cartridge

UNOsphere Rapid S strong cation exchange media have enhanced chemistries to overcome the pH shift that occurs with conductivity transitions. The support quickly adjusts to changes in conductivity with minimal pH excursion. No pH shifting provides a new level of economy due to shorter equilibration times, resulting in faster separations and lower consumption of buffer solutions. The media have been optimized to deliver speed and throughput in capture and intermediate purification steps. UNOsphere Rapid S media combine high binding capacity, fast mass transfer, excellent flow characteristics, and robust physical properties to make it an exceptional choice for purification.

- Available in 1 and 5 ml cartridges
- Excellent scalability
- Stable in 1 M NaOH
- High binding capacity
- High linear flow rates at low backpressures
- Rapid regeneration
- Fully supported for regulatory submissions
- Engineered for reproducible results

Bio-Scale Mini UNOsphere SUPrA Affinity Cartridge

UNOsphere SUPrA media were developed for protein A–based affinity chromatography and designed to provide a balance between dynamic binding capacity, flow properties, and stability. The media provide flexibility and a predictable scale-up path.

- Available in 1 and 5 ml cartridges
- Designed for method development
- Delivers high binding capacity at a wide range of linear velocities and bed heights
- Combined with UNOsphere Q and CHT Type I ceramic hydroxyapatite media, UNOsphere SUPrA media complete the purification workflow solution for monoclonal antibodies

Bio-Scale Mini CFT Cartridge

CFT ceramic fluoroapatite is a rigid, spherical multimodal support used in the purification of biologically active compounds. CFT ceramic fluoroapatite is prepared by chemically converting nearly all of the hydroxyapatite nanocrystal matrix to fluoroapatite with a fluorine reagent. CFT ceramic fluoroapatite can be used under stringent chromatography conditions to separate acidic proteins requiring buffered conditions as low as pH 5.6.

- CFT Type II (sintered at 700°C) available in 5 ml cartridges
- High binding capacity
- Durable support
- Rigid particles for fast cleaning and equilibration
- Inorganic calcium phosphate for distinct selectivity

Bio-Scale Mini Apatite Purification Kit

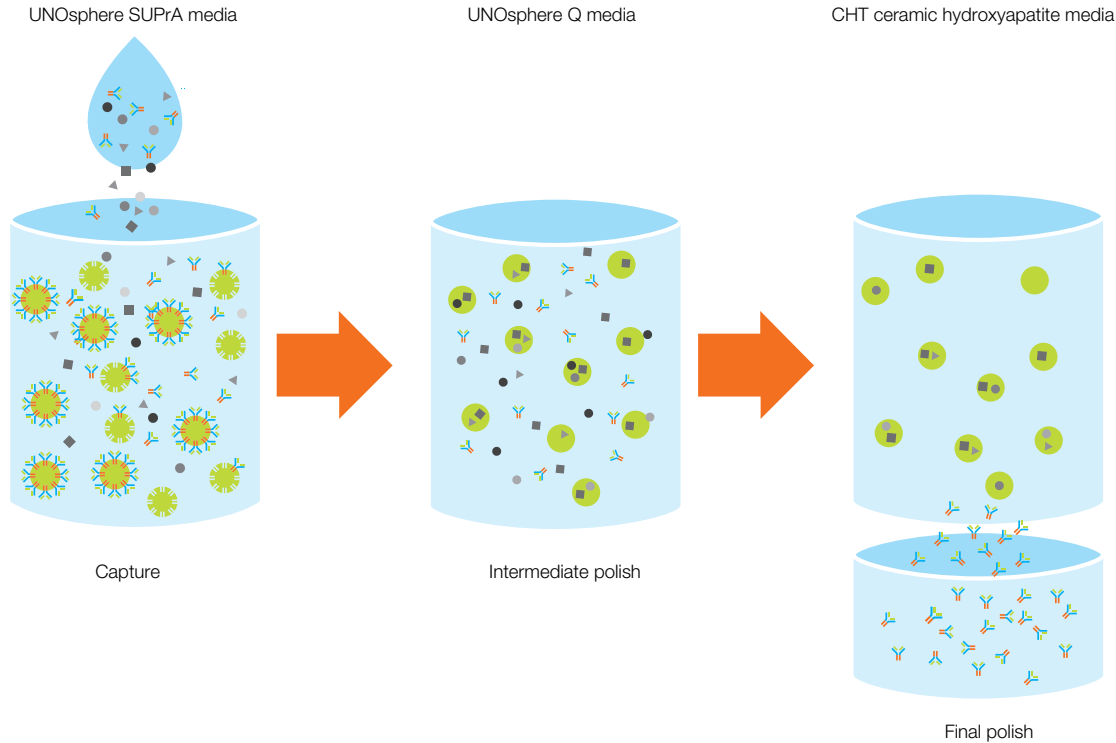
CHT ceramic hydroxyapatite and CFT ceramic fluoroapatite have comparable biomolecule separation characteristics, differing mostly in the pH buffer range in which they optimally perform. Ceramic hydroxyapatite exhibits pH stability as low as 6.5, whereas the fluorine substitution in ceramic fluoroapatite extends pH stability to as low as 5.6. The Bio-Scale Mini apatite purification kit is designed as a convenient way to evaluate which apatite material provides optimal chromatographic performance for your application.

- Prepacked cartridges with CHT Type II ceramic hydroxyapatite and CFT Type II ceramic fluoroapatite for convenient process development
- Low bed volume allowing minimum requirements for sample and buffer
- Luer fitting for convenient connection to any chromatographic system
- Distinct selectivity and different pH ranges

Bio-Scale Mini mAb Purification Kit

Maximize method optimization and parameter screening for monoclonal antibodies with the Bio-Scale Mini mAb purification kit. This convenient process development workflow-based kit contains UNOsphere SUPra affinity media, UNOsphere Q media, and CHT Type I ceramic hydroxyapatite media to address the entire range of needs for monoclonal capture, intermediate contaminant removal, and final polishing.

- Convenient prepacked columns with a simple luer fitting for easy connection to any chromatography system
- Ideal for screening and optimization of purification protocols
- Reproducible and scalable results



Workflow for mAb purification kit (using UNOsphere SUPra affinity, UNOsphere Q, and CHT Type I media).

For more Bio-Scale Mini cartridges, see pages 63–65 in the 2008/09 Life Science Research catalog, or visit www.bio-rad.com/cartridges/.

Ordering Information

Description	1 x 1 ml	5 x 1 ml	1 x 5 ml	5 x 5 ml	Price, US \$
Prepacked Bio-Scale Mini Cartridges					
UNOsphere SUPra Affinity Support	732-4200	732-4201	732-4202	—	Inquire
UNOsphere Rapid S Support	—	732-4400	732-4401	732-4402	Inquire
CFT Type II Support	—	—	732-4405	732-4406	Inquire
Catalog #	Description				
Bio-Scale Mini Cartridge Kits					
732-4407	Bio-Scale Mini Apatite Purification Kit, CHT Type II cartridge, CFT Type II cartridge, 1 x 5 ml each				Inquire
732-4408	Bio-Scale Mini mAb Purification Kit, UNOsphere SUPra affinity cartridge, UNOsphere Q cartridge, CHT Type I cartridge, 1 x 5 ml each				Inquire

Affinity Systems

Bio-Rad affinity purification systems are based on the power of affinity chromatography to purify proteins in a fast, efficient, and highly selective manner. Two purification platforms are currently available for the purification of proteins using recombinant tag technology. The Profinia™ protein purification system is configured for automated affinity purification with integrated desalting. The Profinity eXact™ fusion-tag system is intended to address bottlenecks specific to the tag removal process (associated with the purification of affinity-tagged proteins). It is a novel *E. coli*-based system in which the affinity-tagged protein is both purified and processed in a single elution step.

Profinia™ Protein Purification System

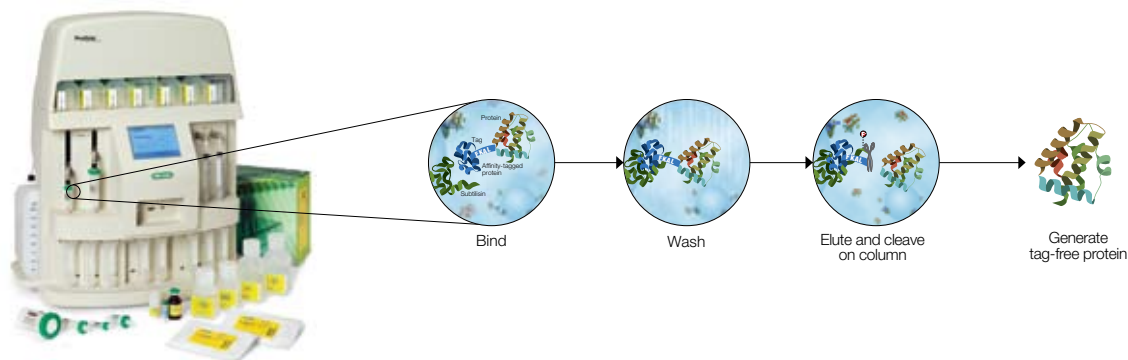
The Profinia protein purification system is an easy-to-use, automated affinity purification solution that generates a wide range of purified proteins using affinity tags and natural affinity agents, such as antibodies, in as little as 30 minutes. The affinity purification can be coupled with integrated protein desalting to produce purified and ready-to-use proteins for downstream assays. Preprogrammed methods are ready to use; variations of these methods are easy to program and save to accommodate the use of any affinity media. The Profinia system is designed to use Bio-Scale™ Mini prepacked affinity cartridges and buffer kits; the system also provides cartridge and buffer recommendations.

Updates to Preprogrammed Methods

In addition to affinity purification methods for IMAC, GST, and desalting, the Profinia system now automates affinity purification and tag cleavage processes using the novel Profinity eXact™ fusion-tag system.

The latest updates to Profinia system methods include preprogrammed methods for:

- **Profinity eXact fusion-tag system** — combines affinity purification and tag removal in an integrated process
- **Protein A and protein G** — affinity purification of monoclonal and polyclonal antibodies from a variety of sources, including serum, ascites fluid, and hybridoma cell culture supernatant



Affinity purification of proteins using the Profinity eXact purification methods on the Profinia system.

Validated Custom Method Templates

Using the custom methods feature, the following methods have been validated for automated one-step affinity purification and tandem desalting of:

- **Maltose-binding proteins** — for the method programming template, request bulletin 5741
- **Strep-tagged proteins** — for the method programming template, request bulletin 5744

Summary of Methods and Materials Available for Profinia System Preprogrammed Purifications

Profinia Method	Bio-Scale™ Mini Prepacked Cartridge	Profinia Buffer Kit
Native IMAC	Profinity™ IMAC	Native IMAC purification or buffer kit
Native IMAC with desalting	Profinity IMAC and Bio-Gel® P-6 desalting	Native IMAC purification or buffer kit
Denaturing IMAC	Profinity IMAC	Denaturing IMAC purification or buffer kit
GST	Profinity GST	GST purification or buffer kit
GST with desalting	Profinity GST and Bio-Gel P-6 desalting	GST purification or buffer kit
Desalting	Bio-Gel P-6 desalting	Desalting purification or buffer kit
Proteins A and G	Affi-Prep® protein A	See bulletin 5701B for buffer recommendations
Proteins A and G with desalting	Affi-Prep protein A and Bio-Gel P-6 desalting	See bulletin 5701B for buffer recommendations
Profinity eXact	Profinity eXact	See bulletin 5725 for buffer recommendations
Profinity eXact with desalting	Profinity eXact and Bio-Gel P-6 desalting	See bulletin 5725 for buffer recommendations

Specifications

Operating limits

Flow rate range	0.2–20 ml/min
Maximum backpressure	45 psi/3.4 bar
Operating temperature range	4–30°C

Detection

UV absorbance wavelength	280 nm
Conductivity monitor range	0–500 ms/cm
pH monitor (optional)	pH range 1–14

Hardware

Sample and fraction collection containers	15 or 50 ml conical tubes; can use larger external reservoirs connected by tubing
Buffer selection	Rotary selector valves for up to 8 application-specific buffers
Pressure sensor	Monitors system pressure
Solvent compatibility	All commonly used chromatographic solvents*

Data

Output	USB flash drive or direct USB cable to PC connection
Profinia software (optional)**	Windows Vista or Windows XP; chromatographic data display in real time or using stored run files

User interface

Touch screen	115 x 86 mm; select method, sample, and cartridge options by stylus or finger
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Optional accessories (sold separately)

Sample and fraction cooling accessory; desalting sample loops; pH monitor; Profinia software
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Physical specifications

Dimensions (W x D x H)	58 x 33 x 67 cm (23 x 13 x 26 in)
Weight	24 kg (53 lb)

* Refer to instruction manual for a complete compatibility list.

** Optional Profinia software is not used to modify methods or operate the Profinia instrument.

For a full listing of all Profinia instrument configurations, Profinia purification and buffer kits, and Bio-Scale Mini cartridges, go to www.bio-rad.com/affinitychrom/, or see pages 86–98 in the 2008/09 Life Science Research catalog.

Ordering Information

Catalog #	Description	Price, US \$
Profinia Systems		
620-1010	Profinia Protein Purification System With Native IMAC Starter Kit , 100–240 V, includes Profinia instrument, accessory kit, Profinia native IMAC buffer kit, 1 x 1 ml IMAC and 1 x 10 ml desalting cartridges, <i>E. coli</i> lysate, Profinia software	16,150.00
620-1011	Profinia Protein Purification System With GST Starter Kit , 100–240 V, includes Profinia instrument, accessory kit, Profinia native GST buffer kit, 1 x 1 ml GST and 1 x 10 ml desalting cartridges, <i>E. coli</i> lysate, Profinia software	16,150.00
Bio-Scale Mini Cartridges		
732-4646	Bio-Scale Mini Profinity eXact Cartridges , 2 x 1 ml	160.00
732-4647	Bio-Scale Mini Profinity eXact Cartridges , 4 x 1 ml	304.00
732-4648	Bio-Scale Mini Profinity eXact Cartridge , 1 x 5 ml	300.00
732-4600	Bio-Scale Mini Affi-Prep Protein A Cartridges , 5 x 1 ml	525.00
732-4602	Bio-Scale Mini Affi-Prep Protein A Cartridge , 1 x 5 ml	442.00

Experion automated electrophoresis system

Experion™ Automated Electrophoresis System

The Experion automated electrophoresis system uses microfluidic technology to deliver fast, reproducible results for protein, RNA, and DNA separations.

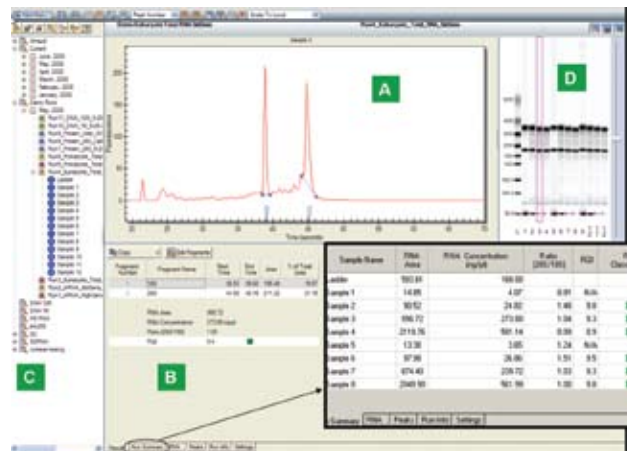
Experion Software, Version 3.0

Experion software, version 3.0, builds on the automatic calculations and basic analysis tools of earlier versions. Version 3.0 offers enhanced flexibility with convenient data-handling functionality and more control over data analysis. This latest version automatically generates a validated RNA quality indicator (RQI) number that correlates with eukaryotic total RNA sample integrity. The RQI complements the electropherogram and reported ribosomal peak area ratio visual assessments. Another new feature, the ability to manually integrate peaks, further simplifies and increases flexibility of data analysis. Key features:

- RQI function automatically generates a numerical value (from 1 to 10) that correlates with total RNA quality
- Manual integration enables users to easily assign peaks and refine peak areas
- Annotation and export tools simplify data presentation for reports and publications or for in-depth data analysis
- Automatic sizing and quantitation calculations facilitate data analysis
- Protein and DNA search function enables quick statistical evaluations (mean, standard deviation, and %CV)
- Protein quantitation methods include multiple options (% total, relative to upper marker, relative to user-defined internal standard, absolute with a calibration curve and using the upper marker, absolute with a calibration curve and using the user-defined internal standard)
- Allows quick comparison options for samples within a chip (overlay) or from chip to chip (chip compare)
- Logical, flexible tree-view browser makes run files easy to find
- Includes custom printing and data export options
- Optional Security Edition software and IQ/OQ validation kit enable U.S. FDA 21 CFR Part 11 compliance and system validation

System Requirements

Operating system	Windows XP (Service Pack 3) or Windows Vista (Service Pack 1)
CPU	Pentium 4, 3 GHz processor, PC only
RAM	1 GB
Hard drive space	80 GB
USB port	Version 2.0, 2 ports
Other drives	CD-ROM



Experion software provides a user-friendly interface for protein, RNA, or DNA analysis. For total RNA analysis, the software automatically provides an electropherogram for visualizing the RNA profile (A), results table showing an RQI value with convenient color-coded rankings (also shown within the run summary table) (B), tree-view browser for organizing runs (C), and virtual gel image (D).

For more information, request bulletins 3171 and 3174A, or go to www.bio-rad.com/experion/.

Ordering Information

Catalog #	Description	Price, US \$
700-7050	Experion Software , version 3.0, system operation and data analysis tools, includes software CD-ROM	1,079.00
700-7051	Experion Validation Kit , includes 3 test chips, qualification procedures, dongle	1,074.00
700-7052	Experion Software, Security Edition , standard and 21 CFR Part 11 compliance data analysis tools, includes 3 test chips, qualification procedures, dongle	3,466.00

Horizontal Electrophoresis

Horizontal electrophoresis offers many advantages for nucleic acid separation and remains a primary molecular biology tool. Bio-Rad offers a complete line of easy-to-use horizontal agarose gel electrophoresis equipment for both low- and high-throughput applications.






Mini-Sub[®] Cell GT, Wide Mini-Sub Cell GT, and Sub-Cell[®] GT Cell Model Updates

The popular Mini-Sub cell GT, wide Mini-Sub cell GT, and Sub-Cell GT cell models are now available with many updated features to make electrophoresis even easier:

- Arrows on each side of the base indicate the direction of the run and ensure proper orientation of the gel
- Color-coded, labeled electrodes and labeled base guarantee correct positioning of the lid on the base
- Built-in level bubble ensures precise gel casting when using the casting gates and the compatible UV tray
- Tabs on the base permit easy removal of the lid, reducing buffer spillage
- Reverse-compatible design allows the cells to be used with combs and trays from older models

For more information, including ordering information, go to www.bio-rad.com/horizontalelectro/.

Sub-Cell Family Selection Guide

	new 	new 	new 		
	Mini-Sub Cell GT*	Wide Mini-Sub Cell GT**	Sub-Cell GT	Sub-Cell Model 96	Sub-Cell Model 192
Gel tray sizes (outside dimensions, W x L)	7 x 7 cm 7 x 10 cm	15 x 7 cm 15 x 10 cm	15 x 10 cm 15 x 15 cm 15 x 20 cm 15 x 25 cm	25 x 10 cm 25 x 15 cm	25 x 10 cm 25 x 15 cm 25 x 20 cm 25 x 25 cm
ReadyAgarose™ gels accommodated	Yes	Yes	No	No	No
Sample throughput	8–30***	10–60***	1–120†	24–96***	24–192†
Base buffer volume	~270 ml	~650 ml	~1 L	~2 L	~3 L
Buffer recirculation	No	No	No	Yes	Yes
Bromophenol blue migration	~4.5 cm/hr (at 75 V)	~4.5 cm/hr (at 75 V)	~3.0 cm/hr (at 75 V)	~6.2 cm/hr (at 200 V)	~5.2 cm/hr (at 200 V)

* Mini ReadySub-Cell™ GT cell is a Mini-Sub cell GT cell dedicated to running ReadyAgarose precast gels, gel size 7 x 10 cm; sample throughput is 8, 12, or 2 x 8. This cell does not include casting gates, tray, or combs.

** Wide Mini ReadySub-Cell GT cell is a wide Mini-Sub cell GT cell dedicated to running ReadyAgarose precast gels, gel size 15 x 10 cm; sample throughput is 20, 32, 2 x 32, or 4 x 26. This cell does not include casting gates, tray, or combs.

*** Sample throughput value assumes 1–2 combs per gel.

† Sample throughput value assumes 1–4 combs per gel.

Molecular Imager systems

Bio-Rad offers imaging products for a variety of applications. Products include imaging systems, a specialized instrument for gel excision, and specialized image analysis software. All of Bio-Rad's imaging systems can be easily integrated into a single imaging center and networked for rapid data acquisition and flexibility. For more information, go to www.bio-rad.com/imaging/.

Molecular Imager[®] Systems

Refer to the guide below to select the imaging systems best suited to your applications.

Molecular Imager System Selection Guide

Application	new Criterion Stain Free [™] System	Personal Molecular Imager [™] (PMI [™])	PharosFX [™]		VersaDoc [™]	VersaDoc [™]	Gel Doc [™]	ChemiDoc [™]	GS-800 [™]
			PharosFX [™]	Plus	MP 4000	MP 5000	XR	XRS	Densitometer
Stain-free gels	5	—	—	—	—	—	—	—	—
Nucleic Acid Detection									
Ethidium bromide	—	—	5	5	5	3	4	4	—
SYBR [®] Green I	—	—	5	5	5	3	4	4	—
Coumarin	—	—	—	—	5*	3*	4	4	—
Protein Staining, 1-D Gels									
Coomassie Blue	—	—	2	2	5	3	4	4	5
Silver stain	—	—	2	2	5	3	4	4	5
SYPRO Ruby gel stain	—	—	5	5	5	3	4	4	—
Flamingo [™] fluorescent gel stain	—	—	5	5	4	3	4	4	—
Protein Staining, 2-D Gels									
Coomassie Blue	—	—	2	2	4	2	3	3	5
Silver stain	—	—	2	2	4	2	3	3	5
SYPRO Ruby protein blot stain	—	—	5	5	4	3	3	3	—
Flamingo fluorescent gel stain	—	—	5	5	4	3	3	3	—
Pro-Q	—	—	5	5	4	3	3	3	—
Cy2, Cy3, Cy5	—	—	5	5	5	4	—	—	—
Blot Detection									
Coomassie Blue	—	—	2	2	5	3	4	4	5
Silver stain	—	—	2	2	5	3	4	4	5
SYPRO Ruby protein blot stain**	—	—	5	5	5	5	—	—	—
Immun-Star [™] (chemiluminescent)	—	—	—	3	5	—	4	—	—
Chemifluorescence**	—	—	5	5	5	5	1	1	—
Qdot**	—	—	5	5	5*	5*	1*	1*	—
Micro- and Macroarrays***									
Radiolabel detection	—	5	—	5	—	—	—	—	—
Fluorescence detection	—	—	5	5	5	3	2	2	—
Immun-Star (chemiluminescent)	—	—	—	5	3	—	4	—	—
Colony Counting									
Colorimetric detection	—	—	3	3	5	3	4	4	—
Fluorescence detection	—	—	5	5	5	3	4	4	—
Isotopic Techniques									
Radiolabel detection	—	5	—	5	—	—	—	—	—
X-ray film detection	—	—	3	3	5	3	4	4	5

— Not recommended; 1–5, recommendation level (5 = highest).

* Custom filter required.

** Optimal with low-fluorescence PVDF membrane.

*** With spot diameters $\geq 400 \mu\text{m}$.

Criterion Stain Free™ Gel Imaging System

SDS-PAGE followed by Coomassie Blue staining is a standard, widely used method to visualize proteins. However, it involves time-consuming staining and destaining procedures.

The Criterion Stain Free gel imaging system allows direct visualization, analysis, and documentation of protein samples in SDS-PAGE gels with the single touch of a button, without staining, destaining, or gel drying procedures.

The complete system is composed of the Criterion Stain Free gels, Criterion Stain Free imager, and Image Lab™ software.

It is a dedicated, small-format, easy-to-use system that uses standard SDS-PAGE conventions, making adoption easy because users do not have to change sample preparation procedures.

This system is ideal for quick sample assessment prior to purification procedures, and as a precursor to blotting and profiling workflows in which Coomassie stain is ordinarily used as a detection method for purity assessment, quantitation, protein characterization (western blotting), and profiling (MALDI-TOF, LC-MS/MS).

Benefits include:

- **Fast results** — gel images and complete analysis in as little as 2.5 min after electrophoresis
- **Reproducibility** — automation and standardization of methods eliminate the background variability within a gel or between gels that is often seen with standard Coomassie staining
- **Environmentally friendly** — acetic acid and ethanol are eliminated, reducing organic waste
- **Ease of use** — one-touch gel image and analysis processing
- **Sensitivity** — results are equal to or better than that of Coomassie stain

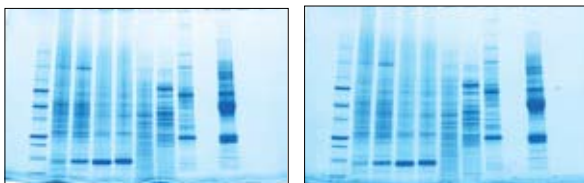


Comparison of Time Needed for Colloidal Coomassie Staining and Criterion Stain Free Protocols

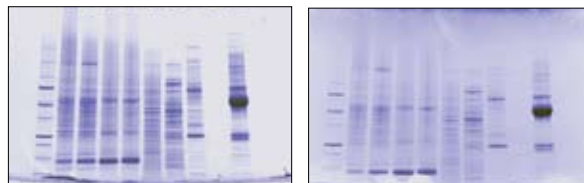
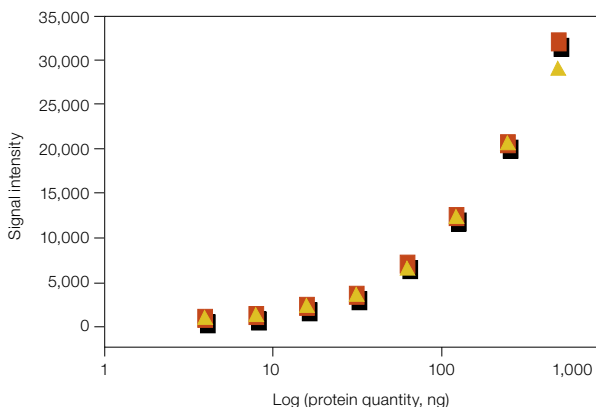
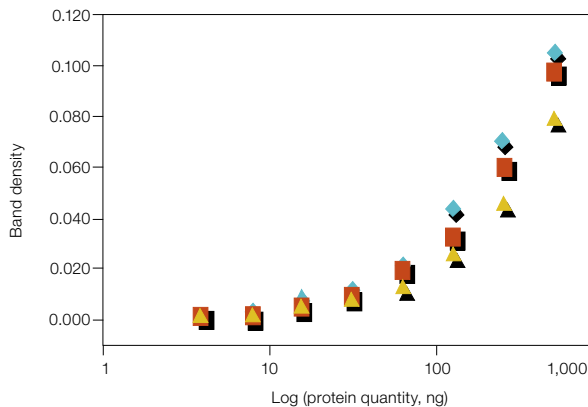
Steps	Colloidal Coomassie Stain	Criterion Stain Free
Washes in deionized water	15 minutes (3 x 5 minutes)	0 minutes
Staining time	60 minutes (30–60 minutes)	0 minutes
Destaining time	30 minutes	0 minutes
Imaging and analysis	15–30 minutes	2.5–5 minutes
Total time	135 minutes	<5 minutes

Molecular Imager systems

A. Gel visualized with Criterion Stain Free system



B. Gel stained with the conventional Coomassie method

C. β -galactosidase band, Criterion Stain Free systemD. β -galactosidase band, Bio-Safe™ Coomassie stain

Criterion Stain Free system vs. Coomassie staining. Complex protein samples were run in duplicates and visualized using the Criterion Stain Free system (A) and Coomassie staining (B). Coomassie staining produces variable background despite use of consistent staining and destaining times. Quantitation of duplicate serial dilutions of β -galactosidase show higher reproducibility with the Criterion Stain Free system (C) compared with Coomassie staining (D). Average %CV for Criterion Stain Free gels is 4.85%; for Coomassie-stained gels it is 24.08%.

Criterion Stain Free Gels

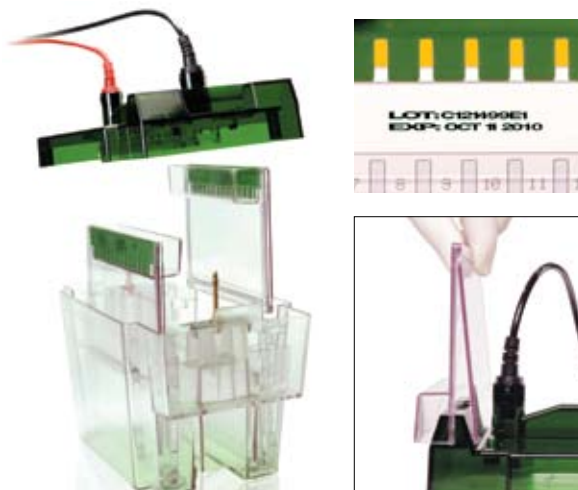
Criterion Stain Free gels have Tris-HCl formulation for PAGE applications and a proprietary compound that facilitates protein visualization by UV imaging. Criterion Stain Free gels are made without SDS. With SDS omitted from the running buffer, the gels can be used to run proteins under nondenaturing conditions for subsequent analysis of native conformation and activity. To run denaturing gels, simply use a running buffer that contains SDS.

Buffer Recommendations

Gel Type	Application	Sample Buffer	Running Buffer
Tris-HCl	Native PAGE	Native	Tris/glycine
	SDS-PAGE	Laemmli	Tris/glycine/SDS

Configurations of Criterion Stain Free Gels

Gradient	Wells	Sample Volume
10% resolving gel	12+2	45 μ l
10% resolving gel	18	30 μ l
4–20% linear gradient	12+2	45 μ l
4–20% linear gradient	18	30 μ l
4–20% linear gradient	26	15 μ l
8–16% linear gradient	IPG+1 well	11 cm IPG Strip



Criterion electrophoresis system. Features include: locator slots to slide gels easily, built-in wedge on lid to open cassette, and lot information printed on each gel.

Single-percentage resolving gels — Choose a single-percentage gel when your sample has a limited size range of molecules and your goal is to separate a single band from neighboring bands. These gels will produce the greatest separation between bands with similar molecular weights. Single-percentage gels are cast with a 4% stacking gel to further sharpen protein bands before they enter the resolving gel.

Linear gradient gels — Choose a linear gradient gel if your sample contains a wide range of molecular weights. These gels allow both high and low molecular weight bands to be visualized on the same gel.

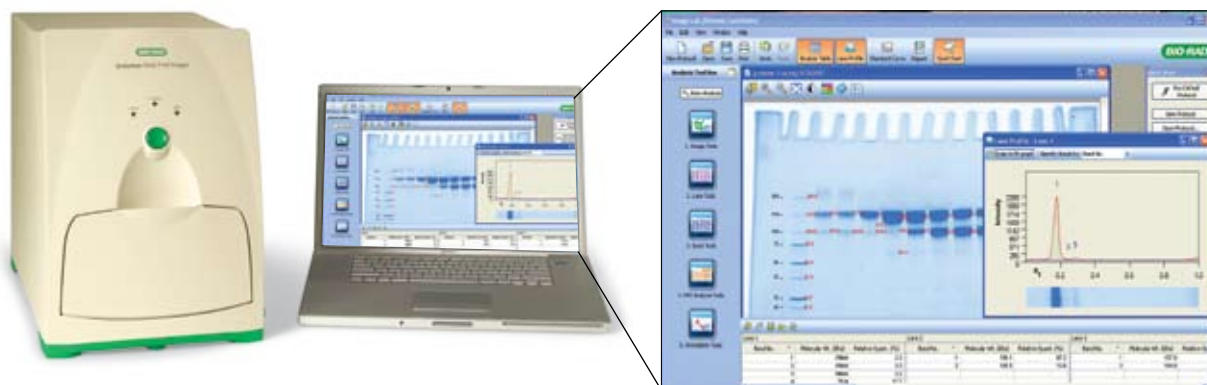
Molecular Imager systems

Criterion Stain Free Imager

Designed with feedback from scientists involved in biopharmaceutical research, the Criterion Stain Free imager is compact, practical, and aesthetically pleasing. It is designed with user-friendly features such as the power button and serial number located near the front of the instrument, a four-step quick guide displayed on the sample tray, and a slip-free tray handle. The Criterion Stain Free imager is an easy-to-use platform designed with the customer in mind from start to finish. Simply use the sample tray to load the precast gel and press the start button to initiate automated protein visualization and analysis.

Image Lab Software

Image Lab software is designed for one-touch SDS-PAGE imaging and analysis automation in the Criterion Stain Free system. Life science researchers helped create Image Lab software, resulting in an easy-to-use interface that offers multiple image optimization and analysis features including molecular weight determination and purity assessment. Researchers can save imaging and analysis settings in Protocols, and with the touch of the start button on the Criterion Stain Free imager, Image Lab software choreographs the automated protein signal activation, gel imaging, and analysis to quickly produce high-quality, reproducible results.

**Ordering Information**

Catalog #	Description	Price, US \$
Criterion Stain Free Gel Imaging System		
170-8160	Criterion Stain Free System , includes Criterion Stain Free imager, sample tray, Image Lab software	12,500.00
170-8161	Criterion Stain Free Sample Tray	500.00
170-8163	Criterion Stain Free IQ/OQ Protocol	Inquire
170-8165	Criterion Stain Free Starter Kit , includes Criterion cell, five 4–20% Tris-HCl 18-well gels, 1 ml Precision Plus Protein unstained standards, 200 µl broad range SDS-PAGE standards, 1 L 10x Tris/glycine/SDS, 30 ml Laemmli sample buffer, 5 g dithiothreitol, 25 ml 2-mercaptoethanol	Inquire
Criterion Stain Free Gels, Tris-HCl		
345-1012	10% Resolving Gel , 12+2-well	15.00
345-1018	10% Resolving Gel , 18-well	15.00
345-0412	4–20% Linear Gradient , 12-well	15.00
345-0418	4–20% Linear Gradient , 18-well	15.00
345-0426	4–20% Linear Gradient , 26-well	15.00
345-8161	8–16% Linear Gradient , IPG+1-well	15.00

ProteOn XPR36 protein interaction array system

ProteOn™ XPR36 Protein Interaction Array System

The ProteOn XPR36 protein interaction array system is a surface plasmon resonance optical biosensor that provides real-time data on the affinity, specificity, and kinetics of protein interactions.

ProteOn™ XPR36 System Regulatory Tools Package

Security software and installation qualification/operation qualification (IQ/OQ) kits are available for use with the ProteOn XPR36 system. These regulatory tools can be purchased individually or as a complete package.

ProteOn Manager™ Software, Security Edition

ProteOn Manager software is now available with controls to help achieve U.S. FDA 21 CFR Part 11 compliance. Included in the many features of this Security Edition release are:

- Audit trails
- Electronic signatures
- Data validation
- User log-ins and permissions
- Closed-system security



ProteOn XPR36 Installation Qualification/Operation Qualification (IQ/OQ) Kit

The ProteOn XPR36 IQ/OQ kit has been designed to test critical system functions to ensure reliability and consistency of performance. Key features include:

- Wizard-driven software
- Printable electronic reports for document controls
- Electronic log of IQ/OQ and test results
- Ready-to-use reagents and sensor chip for testing system performance
- Unattended operation



Ordering Information

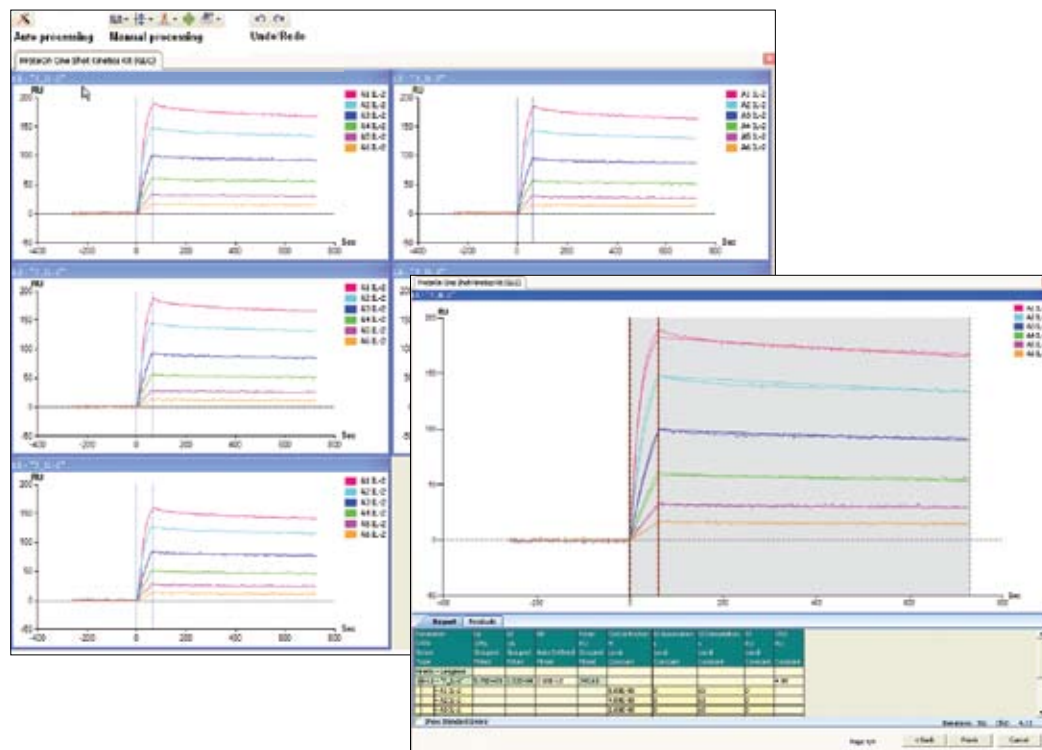
Catalog #	Description	Price, US \$
176-4225	ProteOn XPR36 Regulatory Tools Package , includes single-license ProteOn Manager software, Security Edition, ProteOn XPR36 IQ/OQ kit	Inquire
176-0210	ProteOn Manager Software, Security Edition , includes software CD-ROM, single-user license, mouse pad	Inquire
176-4200	ProteOn XPR36 IQ/OQ Kit , includes ProteOn XPR36 IQ/OQ software, ProteOn Manager software, ProteOn operation qualification (OQ) kit, instructions	Inquire
176-4220	ProteOn Operation Qualification Kit , includes OQ Kit 1, OQ Kit 2, ProteOn GLC sensor chip	Inquire

ProteOn XPR36 protein interaction array system

ProteOn Manager™ Software, Version 2.1

ProteOn Manager software guides the user through protein interaction studies, ensuring the confidence to perform sophisticated experiments with ease. A single software package manages instrument control, experimental setup, data collection, and analysis. Benefits include:

- Database-driven functions for improved performance
- Application-focused workflow
- Step-by-step approach to experimental setup
- Sample layout report for error-free sample loading
- Interactive display tool easily filters and groups sensorgrams for viewing and analysis
- Automatic or manual data processing of baseline and injection alignment and artifact removal
- Reference channel subtraction and interspot referencing
- Three analysis modes (determination of kinetic constants, concentration determination, and equilibrium analysis)
- Report point analysis for easy comparison of RU values across multiple injections
- User-defined mathematical calculation of kinetic results
- Export of raw, processed, and analyzed data
- Wizard-driven instrument maintenance and cleaning protocols



Quick navigation to auto and manual processing controls through toolbar icons; analysis wizards can be run on different processed data sets.

Ordering Information

Catalog #	Description	Price, US \$
176-0200	ProteOn Manager Software , version 2.1, includes software CD-ROM, single-user database license, mouse pad	2,625.00
176-0220	ProteOn Manager Software Upgrade , upgrades to version 2.1, includes software CD-ROM, single-user license	Inquire

ProteinChip® SELDI System

The ProteinChip SELDI system uses SELDI technology to quickly deliver protein mass profiles from complex biological samples. The fully integrated platform consists of ProteinChip arrays, instrumentation (the ProteinChip SELDI reader), and software. ProteinChip arrays bind whole classes of proteins present in complex samples, and these proteins are then detected by the ProteinChip SELDI reader. The software facilitates data collection and analysis.

ProteinChip® System Starter Kit

The ProteinChip system starter kit has been redesigned to deliver a step-by-step focused introduction to ProteinChip SELDI technology. The kit is a training tool that includes a video tutorial and the ProteinChip arrays, buffer, and reagents needed to generate and evaluate protein profiles from the included human serum and *E. coli* samples. Using the analysis tools, determine the reproducibility and optimal peak count of your protein profiles. Learn what to expect in terms of reproducibility by comparing your results to results obtained from the included premade ProteinChip NP20 and CM10 arrays (arrays that have been prepared using the same samples and reagents included in the kit). Improve your results by employing valuable tips and techniques outlined in the manual. Benefits include:



- Faster training with the video tutorial
- Tips and techniques for improved data quality
- Skill level testing for feedback on performance

Ordering Information

Catalog #	Description	Price, US \$
C70-00068	ProteinChip System Starter Kit , includes 3 each of CM10 and NP20 ProteinChip arrays, 1 each of CM10 and NP20 ProteinChip premade arrays, 1 ProteinChip peptide standard array, 2 vials of ProteinChip SPA matrix, ProteinChip CM low-stringency buffer, acetonitrile, human serum, <i>E. coli</i> , 1% TFA, CD-ROM with video tutorial and protocols, instructions	950.00

ProteinChip® Peptide Mass Calibration Kit

The ProteinChip peptide mass calibration kit contains a ProteinChip peptide standard array that has been prepared with matrix and a mix of seven different peptides ranging in molecular weight from 1,084 to 12,230. The kit allows up to 160 external mass calibrations within a 12-week period in the peptide region; a typical calibration takes as little as 10 minutes. Because the array is ready to use with no preparation steps required (no need to dilute or add sample, aliquot sample, or add matrix), the kit is easy to use and saves time.



Ordering Information

Catalog #	Description	Price, US \$
C70-00070*	ProteinChip Peptide Mass Calibration Kit , sufficient for up to 160 calibrations, includes 1 ProteinChip peptide standard array, CD-ROM with video tutorial and protocol, instructions	120.00

* The ProteinChip peptide standard array has a 12 week shelf life after opening.

ProteinChip® Data Manager Software, Version 4.0

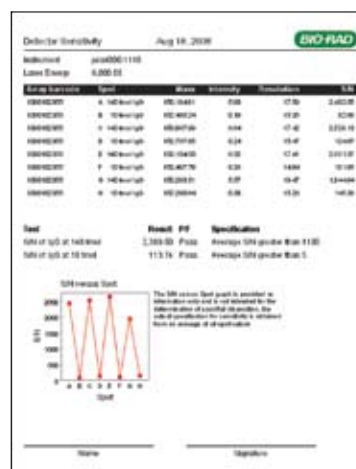
ProteinChip data manager software is a key component of both Personal and Enterprise Editions of the ProteinChip SELDI system. In addition to controlling the ProteinChip SELDI reader, the software includes a robust relational database system for managing and tracking ProteinChip SELDI data. Flexible application modules provide powerful, advanced data mining and analysis capabilities for rapid, automated analysis of multiple experiments over multiple conditions for differential expression protein profiling. The Desktop Edition of the software allows users to analyze their SELDI experiments even when disconnected from the network server.

Great Accessibility and Intuitive Interface

- Easy-to-use folder structure enables simple data organization
- Virtual notebook tracks sample information and allows users to design experiments that can be run remotely
- One-click reporting for instrument qualification and calibration analyses

Powerful Data Analysis Toolset

- New data analysis wizards allow users to create and save processing and analysis parameters to use in future experiments
- New spectrum overlays allow visualization of many spectra at a glance
- Normalization and mass alignment features prepare data for group-versus-group comparisons
- Built-in statistical tools, such as *P* values, receiver operating characteristic, hierarchical clustering, and principal component analysis, allow users to rapidly select for significant biomarkers from large sample populations



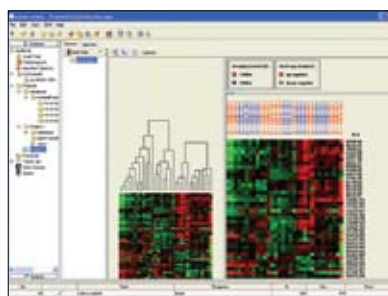
Instrument qualification and calibration reports. Rapidly analyze and monitor reader performance.

System Requirements

	Minimum	Recommended
Operating system	Windows 2000, Windows XP, or Windows Server 2003	Windows 2000, Windows XP, or Windows Server 2003
Processor	1 GHz	2 GHz Intel
RAM	1 GB	2 GB or greater
Hard disk space	50 GB (for server computer only)	100 GB or greater (for server computer only)
Database software	MySQL 4.0 (included) or Oracle 9i	MySQL 4.0 (included) or Oracle 9i
Other drives	CD-ROM for program installation	CD-ROM for program installation
Network	Network connectivity required (except for Desktop Edition)	Network connectivity required (except for Desktop Edition)

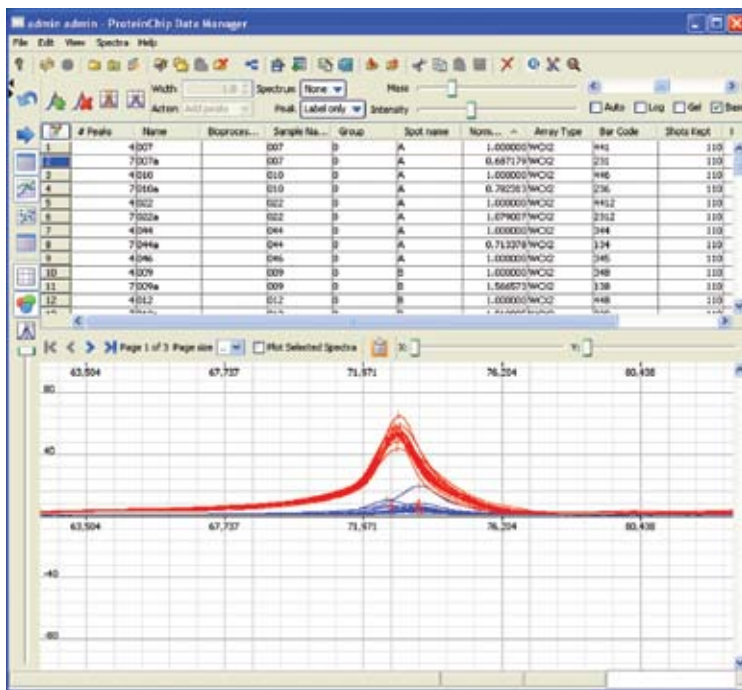


Reader control interface. ProteinChip data manager software provides an intuitive graphical interface for controlling the ProteinChip SELDI reader.



Hierarchical clustering and heatmaps. The hierarchical clustering and heatmap functions in ProteinChip data manager software visualize relationships between samples and sample groups.

ProteinChip SELDI system



Spectrum overlay plots. Visually display protein expression level changes.

Ordering Information

Catalog #	Description	Price, US \$
SW3-040010	ProteinChip Data Manager Software, Personal Edition , version 4.0, includes 1-user license	12,600.00
SW3-040030	ProteinChip Data Manager Software, Enterprise Edition , version 4.0, includes 5-user network license	36,750.00
SW3-040050	ProteinChip Data Manager Software, Desktop Edition , version 4.0, includes 1-user license, no instrument control	Inquire
SW3-020050	ProteinChip Data Manager Software , version 4.0, add 1 user to network license	3,150.00

Bio-Plex[®] Suspension Array System

The Bio-Plex suspension array system integrates a powerful array technology platform with a sophisticated software package, system validation tools, and ready-to-use assays. The system offers reliable multiplex assay solutions to protein and nucleic acid researchers, with the capability of analyzing up to 100 biomolecules in a single sample.

For more information on the Bio-Plex suspension array system, refer to the 2008/09 Life Science Research product catalog, or go to www.bio-rad.com/bio-plex/.

Bio-Plex Pro[™] Wash Stations

The Bio-Plex Pro and Bio-Plex Pro II wash stations streamline multiplex assays by eliminating manual wash steps. Bio-Plex Pro wash stations help decrease variability and increase consistency in results between experiments. Specifically designed to perform Bio-Plex assay wash steps, the wash stations are compatible with any xMAP assay. Benefits include:

- Improved lab productivity
- Reliable and reproducible results
- Optimized on-board protocols
- Simple ELISA-like workflow

The Bio-Plex Pro wash station incorporates a magnetic plate carrier, which allows quick magnetic separations, aspiration from the surface of liquid, and wash buffer dispensation to achieve hands-free washing in 96-well plates.

The Bio-Plex Pro II wash station includes both the magnetic plate carrier and an interchangeable vacuum manifold, providing the added flexibility of utilizing either vacuum filtration or magnetic separation during washing.



Bio-Plex Pro Wash Station Selection Guide

	Bio-Plex Pro Wash Station	Bio-Plex Pro II Wash Station
Bio-Plex assays	—	•
MicroPlex microspheres	—	•
Bio-Plex Pro assays	•	•
Bio-Plex [®] Precision Pro [™] assays	•	•
MagPlex microspheres	•	•

Specifications

Magnetic field	4,500 ± 200 gauss
Vacuum range*	–50 to –150 mbar
Number of dispensing channels	8
Residual volume magnetic wash	<4 µl
Dispensing accuracy	≤2%
Dispensing uniformity	CV ≤4% over the plate
Dimensions (W x D x H)	28 x 37 x 18 cm (11 x 15 x 7 in)
Weight	6.6 kg (15 lb)

* Available on the Bio-Plex Pro II wash station only.

Note: Additional features include plate-shaking capability and PC-based software for custom protocol development.

Ordering Information

Catalog #	Description	Price, US \$
Bio-Plex Pro Wash Stations and Plates		
300-34376	Bio-Plex Pro Wash Station , includes magnetic plate carrier, waste bottle, 2 buffer bottles	9,460.00
300-34377	Bio-Plex Pro II Wash Station , includes magnetic plate carrier, vacuum manifold plate carrier, waste bottle, 2 buffer bottles	13,880.00
171-025001*	Bio-Plex Pro Flat-Bottom Plates , 40 x 96-well plates	198.00
Bulk Buffer		
171-304500	Bio-Plex Wash Buffer , 1.5 L	92.00

* Required for washing Bio-Plex Pro assays or other magnetic bead-based assays using the magnetic plate carrier.

Bio-Plex suspension array system

Bio-Plex® Assay Standards

Bio-Plex assay standards are now available as stand-alone products.

- Use as standards or controls in Bio-Plex assays; convenient for longitudinal studies requiring a single lot of standards or controls
- Lot-specific standard values are provided



Bio-Plex assay standards are available in packages of 1 or 50 for all human (groups I and II) and mouse (groups I and II) cytokine assays, and in packages of 2 or 50 for all human acute phase, human angiogenesis, human diabetes, mouse diabetes, and human isotyping assays.

Available Targets

Human Cytokine				Human Disease State				Mouse Cytokine		
Group I		Group II		Acute Phase	Angiogenesis	Diabetes	Isotyping	Group I		Group II
IL-1β	Basic FGF	IL-1α	MCP-3	α-2-macroglobulin	Angiopoietin-2	Adiponectin	IgG ₁	IL-1α	IL-17	IL-15
IL-1ra	Eotaxin	IL-2Rα	M-CSF	CRP	Follistatin	Adipsin	IgG ₂	IL-1β	Eotaxin	IL-18
IL-2	G-CSF	IL-3	MIF	Ferritin	G-CSF	C-peptide	IgG ₃	IL-2	G-CSF	Basic FGF
IL-4	GM-CSF	IL-12 (p40)	MIG	Fibrinogen	HGF	Ghrelin	IgG ₄	IL-3	GM-CSF	LIF
IL-5	IFN-γ	IL-16	β-NGF	Haptoglobin	IL-8	GIP	IgM	IL-4	IFN-γ	M-CSF
IL-6	IP-10	IL-18	SCF	Procalcitonin	Leptin	GLP-1	IgA	IL-5	KC	MIG
IL-7	MCP-1 (MCAF)	CTACK	SCGF-β	SAA	PDGF-BB	Glucagon	IgE	IL-6	MCP-1 (MCAF)	MIP-2
IL-8	MIP-1α	GRO-α	SDF-1α	SAP	PECAM-1	IL-6		IL-9	MIP-α	PDGF-BB
IL-9	MIP-1β	HGF	TNF-β	Tissue plasminogen activator	VEGF	Insulin		IL-10	MIP-1β	VEGF
IL-10	PDGF-BB	ICAM-1	TRAIL			Leptin		IL-12 (p40)	RANTES	
IL-12 (p70)	RANTES	IFN-α2	VCAM-1			PAI-1		IL-12 (p70)	TNF-α	
IL-13	TNF-α	LIF				Resistin		IL-13		
IL-15	VEGF					TNF-α				
IL-17						Visfatin				

Ordering Information

Catalog #	Description	Price, US \$
Bio-Plex Human Cytokine Standards		
171-D50001	Bio-Plex Human Cytokine Standards Group I, 1-pack of 27 analytes	Inquire
171-D10501	Bio-Plex Human Cytokine Standards Group I, 50-pack of 27 analytes	Inquire
171-D60001	Bio-Plex Human Cytokine Standards Group II, 1-pack of 23 analytes	Inquire
171-D10502	Bio-Plex Human Cytokine Standards Group II, 50-pack of 23 analytes	Inquire
Bio-Plex Mouse Cytokine Standards		
171-I50001	Bio-Plex Mouse Cytokine Standards Group I, 1-pack of 23 analytes	Inquire
171-I10501	Bio-Plex Mouse Cytokine Standards Group I, 50-pack of 23 analytes	Inquire
171-I60001	Bio-Plex Mouse Cytokine Standards Group II, 1-pack of 9 analytes	Inquire
171-I10502	Bio-Plex Mouse Cytokine Standards Group II, 50-pack of 9 analytes	Inquire
Bio-Plex Human Acute Phase, Angiogenesis, Diabetes, and Isotyping Standards		
171-D40002	Bio-Plex Human Acute Phase Standards, 2-pack of 9 analytes	Inquire
171-D40006	Bio-Plex Human Acute Phase Standards, 50-pack of 9 analytes	Inquire
171-D40003	Bio-Plex Human Angiogenesis Standards, 2-pack of 9 analytes	Inquire
171-D40004	Bio-Plex Human Angiogenesis Standards, 50-pack of 9 analytes	Inquire
171-D40001	Bio-Plex Human Diabetes Standards, 2-pack of 14 analytes	Inquire
171-D40005	Bio-Plex Human Diabetes Standards, 50-pack of 14 analytes	Inquire
171-D30001	Bio-Plex Human Isotyping Standards, 2-pack of 7 analytes	Inquire
171-D30501	Bio-Plex Human Isotyping Standards, 50-pack of 7 analytes	Inquire

Bio-Plex Pro™ Cytokine, Chemokine, and Growth Factor Assays

The new Bio-Plex Pro cytokine, chemokine, and growth factor assays are built around MagPlex magnetic beads. The antibodies and buffers in these assays are the same as those used in the Bio-Plex cytokine, chemokine, and growth factor assays found on pages 325–328 of the 2008/09 Life Science Research product catalog. Magnetic beads afford compatibility with Bio-Plex Pro and Bio-Plex Pro II wash stations, providing decreased variability and increased consistency between experiments. These new Bio-Plex Pro assays are available as premixed assay panels, as assay panels containing only the assays you select (x-Plex™ blending service and Express assay services), and as individual singleplex assays. Individual assay components are also available.



Benefits include:

- Magnetic beads for simplified plate processing
- All-in-one complete kit format and individual components for ultimate flexibility
- Premixed standards for generation of curves over a broad dynamic range for each target

For a complete list of assay bead regions, go to www.bio-rad.com/bio-plex/.

Human Cytokine, Chemokine, and Growth Factor Assays

Group I	8-Plex A Panel (M50-000007A)	17-Plex Panel (M50-00031YV)	27-Plex Panel (M50-0KAF0Y)	Th1/Th2 Panel (M50-00005L3)	Singleplex/ x-Plex Bead Regions*
IL-1β		●	●		● 39
IL-1ra			●		● 25
IL-2	●	●	●	●	● 38
IL-4	●	●	●	●	● 52
IL-5		●	●	●	● 33
IL-6	●	●	●		● 19
IL-7		●	●		● 74
IL-8	●	●	●		● 54
IL-9			●		● 77
IL-10	●	●	●	●	● 56
IL-12 (p70)		●	●	●	● 75
IL-13		●	●	●	● 51
IL-15			●		● 73
IL-17		●	●		● 76
Basic FGF			●		● 44
Eotaxin			●		● 43
G-CSF		●	●		● 57
GM-CSF	●	●	●	●	● 34
IFN-γ	●	●	●	●	● 21
IP-10			●		● 48
MCP-1 (MCAF)		●	●		● 53
MIP-1α			●		● 55
MIP-1β		●	●		● 18
PDGF-BB			●		● 47
RANTES			●		● 37
TNF-α	●	●	●	●	● 36
VEGF			●		● 45

Group II	21-Plex Panel (M50-005KMII)	Singleplex/ x-Plex Bead Regions*
IL-1α	●	● 63
IL-2Rα	●	● 13
IL-3	●	● 64
IL-12 (p40)	●	● 28
IL-16	●	● 27
IL-18**	●	● 42
CTACK	●	● 72
GRO-α	●	● 61
HGF	●	● 62
ICAM-1***		● 12
IFN-α2	●	● 20
LIF	●	● 29
MCP-3	●	● 26
M-CSF	●	● 67
MIF	●	● 35
MIG	●	● 14
β-NGF	●	● 46
SCF	●	● 65
SCGF-β	●	● 78
SDF-1α	●	● 22
TNF-β	●	● 30
TRAIL	●	● 66
VCAM-1***		● 15

* You can design an x-Plex assay with combinations of assays, including all-in-one singleplex assay kits. For more information, go to www.bio-rad.com/bio-plex/x-plex/ or contact your local Bio-Rad sales representative. Refer to pages S26–S27 for singleplex target catalog numbers.

** IL-18 is not available as a singleplex assay, only as part of an assay panel.

*** This assay requires additional sample dilution.

Note: Red bead regions indicate regions that differ between magnetic and nonmagnetic assay targets.

Bio-Plex suspension array system

Mouse Cytokine, Chemokine, and Growth Factor Assays

Mouse Group I	8-Plex A Panel (M60-000007A)	23-Plex Panel (M60-009RDPD)	Th1/Th2 Panel (M60-00003J7)	Singleplex/x-Plex Bead Regions*
IL-1 α		●		● 53
IL-1 β	●	●		● 19
IL-2	●	●	●	● 36
IL-3		●		● 18
IL-4	●	●	●	● 39
IL-5	●	●	●	● 52
IL-6		●		● 38
IL-9		●		● 33
IL-10	●	●	●	● 56
IL-12 (p40)		●		● 76
IL-12 (p70)		●	●	● 78
IL-13		●		● 37
IL-17		●		● 72
Eotaxin		●		● 74
G-CSF		●		● 54
GM-CSF	●	●	●	● 73
IFN- γ	●	●	●	● 34
KC		●		● 57
MCP-1 (MCAF)		●		● 51
MIP- α		●		● 77
MIP-1 β		●		● 75
RANTES		●		● 55
TNF- α	●	●	●	● 21

Mouse Group II	9-Plex Panel (MD0-00000EL)	Singleplex/x-Plex Bead Regions*
IL-15	●	● 42
IL-18**	●	● 20
Basic FGF	●	● 25
LIF	●	● 45
M-CSF	●	● 26
MIG	●	● 44
MIP-2	●	● 27
PDGF-BB	●	● 35
VEGF	●	● 47

* You can design an x-Plex assay with combinations of assays, including all-in-one singleplex assay kits. For more information, go to www.bio-rad.com/bio-plex/x-plex/ or contact your local Bio-Rad sales representative. Refer to pages S26–S27 for singleplex target catalog numbers.

** IL-18 is not available as a singleplex assay, only as part of an assay panel.

Bio-Plex Pro cytokine, chemokine, and growth factor assays can be ordered as follows:

Premixed panels — Five human and four mouse premixed assay panels are available in the new all-in-one kit packaging format that includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, and sample diluent.

x-Plex assay service — Custom premixed assay panels in the new all-in-one kit packaging format can be ordered with any combination of available assays. Two-plate minimum applies if ordering a 6-plex or less.

Express assay service — For faster delivery, customized assay panels in the new all-in-one kit packaging format can be ordered with any combination of available assays up to a 10-plex maximum. Coupled magnetic beads and detection antibodies are not premixed.

Individual components — Singleplex sets (coupled magnetic beads and detection antibodies), standards, reagent kits, wash buffer, and Bio-Plex Pro plates are available separately.

For a list of publications using Bio-Plex cytokine assays, request bulletin 5297. For more information, request bulletin 5405.

Ordering Information

Catalog #	Description	Price, US \$
Bio-Plex Pro Premixed Human Cytokine Panels		
M50-000007A	Bio-Plex Pro Human Cytokine 8-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-2, IL-4, IL-6, IL-8, IL-10, GM-CSF, IFN- γ , TNF- α	Inquire
M50-00031YV	Bio-Plex Pro Human Cytokine 17-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-10, IL-12 (p70), IL-13, IL-17, G-CSF, GM-CSF, IFN- γ , MCP-1 (MCAF), MIP-1 β , TNF- α	Inquire
MF0-005KMII	Bio-Plex Pro Human Cytokine 21-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-1 α , IL-2R α , IL-3, IL-12 (p40), IL-16, IL-18, CTACK, GRO- α , HGF, IFN- α 2, LIF, MCP-3, M-CSF, MIF, MIG, β -NGF, SCF, SCGF- β , SDF-1 α , TNF- β , TRAIL	Inquire
M50-0KCAFOY	Bio-Plex Pro Human Cytokine 27-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-1 β , IL-1ra, IL-2, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-12 (p70), IL-13, IL-15, IL-17, basic FGF, eotaxin, G-CSF, GM-CSF, IFN- γ , IP-10, MCP-1 (MCAF), MIP-1 α , MIP-1 β , PDGF-BB, RANTES, TNF- α , VEGF	Inquire
M50-00005L3	Bio-Plex Pro Human Cytokine Th1/Th2 Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-2, IL-4, IL-5, IL-10, IL-12 (p70), IL-13, GM-CSF, IFN- γ , TNF- α	Inquire
Bio-Plex Pro Premixed Mouse Cytokine Panels		
M60-000007A	Bio-Plex Pro Mouse Cytokine 8-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-1 β , IL-2, IL-4, IL-5, IL-10, GM-CSF, IFN- γ , TNF- α	Inquire
MD0-00000EL	Bio-Plex Pro Mouse Cytokine 9-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-15, IL-18, basic FGF, LIF, M-CSF, MIG, MIP-2, PDGF-BB, VEGF	Inquire
M60-009RDPD	Bio-Plex Pro Mouse Cytokine 23-Plex Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-1 α , IL-1 β , IL-2, IL-3, IL-4, IL-5, IL-6, IL-9, IL-10, IL-12 (p40), IL-12 (p70), IL-13, IL-17, eotaxin, G-CSF, GM-CSF, IFN- γ , KC, MCP-1 (MCAF), MIP-1 α , MIP-1 β , RANTES, TNF- α	Inquire
M60-00003J7	Bio-Plex Pro Mouse Cytokine Th1/Th2 Panel , 1 x 96-well, includes coupled magnetic beads, detection antibodies, standards, assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent for the detection of IL-2, IL-4, IL-5, IL-10, IL-12 (p70), GM-CSF, IFN- γ , TNF- α	Inquire

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Bio-Plex suspension array system

Catalog #	Description	Price, US \$
Bio-Plex Pro Mouse Cytokine Singleplex Sets, Group I*		
171-G5001M	Bio-Plex Pro Mouse Cytokine IL-1 α Set, 1 x 96-well	Inquire
171-G5002M	Bio-Plex Pro Mouse Cytokine IL-1 β Set, 1 x 96-well	Inquire
171-G5003M	Bio-Plex Pro Mouse Cytokine IL-2 Set, 1 x 96-well	Inquire
171-G5004M	Bio-Plex Pro Mouse Cytokine IL-3 Set, 1 x 96-well	Inquire
171-G5005M	Bio-Plex Pro Mouse Cytokine IL-4 Set, 1 x 96-well	Inquire
171-G5006M	Bio-Plex Pro Mouse Cytokine IL-5 Set, 1 x 96-well	Inquire
171-G5007M	Bio-Plex Pro Mouse Cytokine IL-6 Set, 1 x 96-well	Inquire
171-G5008M	Bio-Plex Pro Mouse Cytokine IL-9 Set, 1 x 96-well	Inquire
171-G5009M	Bio-Plex Pro Mouse Cytokine IL-10 Set, 1 x 96-well	Inquire
171-G5010M	Bio-Plex Pro Mouse Cytokine IL-12 (p40) Set, 1 x 96-well	Inquire
171-G5011M	Bio-Plex Pro Mouse Cytokine IL-12 (p70) Set, 1 x 96-well	Inquire
171-G5012M	Bio-Plex Pro Mouse Cytokine IL-13 Set, 1 x 96-well	Inquire
171-G5013M	Bio-Plex Pro Mouse Cytokine IL-17 Set, 1 x 96-well	Inquire
171-G5014M	Bio-Plex Pro Mouse Cytokine Eotaxin Set, 1 x 96-well	Inquire
171-G5015M	Bio-Plex Pro Mouse Cytokine G-CSF Set, 1 x 96-well	Inquire
171-G5016M	Bio-Plex Pro Mouse Cytokine GM-CSF Set, 1 x 96-well	Inquire
171-G5017M	Bio-Plex Pro Mouse Cytokine IFN- γ Set, 1 x 96-well	Inquire
171-G5018M	Bio-Plex Pro Mouse Cytokine KC Set, 1 x 96-well	Inquire
171-G5019M	Bio-Plex Pro Mouse Cytokine MCP-1 (MCAF) Set, 1 x 96-well	Inquire
171-G5020M	Bio-Plex Pro Mouse Cytokine MIP-1 α Set, 1 x 96-well	Inquire
171-G5021M	Bio-Plex Pro Mouse Cytokine MIP-1 β Set, 1 x 96-well	Inquire
171-G5022M	Bio-Plex Pro Mouse Cytokine RANTES Set, 1 x 96-well	Inquire
171-G5023M	Bio-Plex Pro Mouse Cytokine TNF- α Set, 1 x 96-well	Inquire
Bio-Plex Pro Mouse Cytokine Singleplex Sets, Group II*		
171-G6001M	Bio-Plex Pro Mouse Cytokine IL-15 Set, 1 x 96-well	Inquire
171-G6002M	Bio-Plex Pro Mouse Cytokine Basic FGF Set, 1 x 96-well	Inquire
171-G6003M	Bio-Plex Pro Mouse Cytokine LIF Set, 1 x 96-well	Inquire
171-G6004M	Bio-Plex Pro Mouse Cytokine M-CSF Set, 1 x 96-well	Inquire
171-G6005M	Bio-Plex Pro Mouse Cytokine MIG Set, 1 x 96-well	Inquire
171-G6006M	Bio-Plex Pro Mouse Cytokine MIP-2 Set, 1 x 96-well	Inquire
171-G6007M	Bio-Plex Pro Mouse Cytokine PDGF-BB Set, 1 x 96-well	Inquire
171-G6008M	Bio-Plex Pro Mouse Cytokine VEGF Set, 1 x 96-well	Inquire
Bio-Plex Pro Human Cytokine Singleplex Sets, Group I*		
171-B5001M	Bio-Plex Pro Human Cytokine IL-1 β Set, 1 x 96-well	Inquire
171-B5002M	Bio-Plex Pro Human Cytokine IL-1ra Set, 1 x 96-well	Inquire
171-B5003M	Bio-Plex Pro Human Cytokine IL-2 Set, 1 x 96-well	Inquire
171-B5004M	Bio-Plex Pro Human Cytokine IL-4 Set, 1 x 96-well	Inquire
171-B5005M	Bio-Plex Pro Human Cytokine IL-5 Set, 1 x 96-well	Inquire
171-B5006M	Bio-Plex Pro Human Cytokine IL-6 Set, 1 x 96-well	Inquire
171-B5007M	Bio-Plex Pro Human Cytokine IL-7 Set, 1 x 96-well	Inquire
171-B5008M	Bio-Plex Pro Human Cytokine IL-8 Set, 1 x 96-well	Inquire
171-B5009M	Bio-Plex Pro Human Cytokine IL-9 Set, 1 x 96-well	Inquire
171-B5010M	Bio-Plex Pro Human Cytokine IL-10 Set, 1 x 96-well	Inquire
171-B5011M	Bio-Plex Pro Human Cytokine IL-12 (p70) Set, 1 x 96-well	Inquire
171-B5012M	Bio-Plex Pro Human Cytokine IL-13 Set, 1 x 96-well	Inquire
171-B5013M	Bio-Plex Pro Human Cytokine IL-15 Set, 1 x 96-well	Inquire
171-B5014M	Bio-Plex Pro Human Cytokine IL-17 Set, 1 x 96-well	Inquire
171-B5015M	Bio-Plex Pro Human Cytokine Eotaxin Set, 1 x 96-well	Inquire
171-B5016M	Bio-Plex Pro Human Cytokine Basic FGF Set, 1 x 96-well	Inquire
171-B5017M	Bio-Plex Pro Human Cytokine G-CSF Set, 1 x 96-well	Inquire
171-B5018M	Bio-Plex Pro Human Cytokine GM-CSF Set, 1 x 96-well	Inquire
171-B5019M	Bio-Plex Pro Human Cytokine IFN- γ Set, 1 x 96-well	Inquire
171-B5020M	Bio-Plex Pro Human Cytokine IP-10 Set, 1 x 96-well	Inquire
171-B5021M	Bio-Plex Pro Human Cytokine MCP-1 (MCAF) Set, 1 x 96-well	Inquire
171-B5022M	Bio-Plex Pro Human Cytokine MIP-1 α Set, 1 x 96-well	Inquire
171-B5023M	Bio-Plex Pro Human Cytokine MIP-1 β Set, 1 x 96-well	Inquire
171-B5024M	Bio-Plex Pro Human Cytokine PDGF-BB Set, 1 x 96-well	Inquire
171-B5025M	Bio-Plex Pro Human Cytokine RANTES Set, 1 x 96-well	Inquire
171-B5026M	Bio-Plex Pro Human Cytokine TNF- α Set, 1 x 96-well	Inquire
171-B5027M	Bio-Plex Pro Human Cytokine VEGF Set, 1 x 96-well	Inquire

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Bio-Plex suspension array system

Catalog #	Description	Price, US \$
Bio-Plex Pro Human Cytokine Singleplex Sets, Group II*		
171-B6001M	Bio-Plex Pro Human Cytokine IL-1 α Set, 1 x 96-well	Inquire
171-B6002M	Bio-Plex Pro Human Cytokine IL-2R α Set, 1 x 96-well	Inquire
171-B6003M	Bio-Plex Pro Human Cytokine IL-3 Set, 1 x 96-well	Inquire
171-B6004M	Bio-Plex Pro Human Cytokine IL-12 (p40) Set, 1 x 96-well	Inquire
171-B6005M	Bio-Plex Pro Human Cytokine IL-16 Set, 1 x 96-well	Inquire
171-B6006M	Bio-Plex Pro Human Cytokine CTACK Set, 1 x 96-well	Inquire
171-B6007M	Bio-Plex Pro Human Cytokine GRO- α Set, 1 x 96-well	Inquire
171-B6008M	Bio-Plex Pro Human Cytokine HGF Set, 1 x 96-well	Inquire
171-B6009M	Bio-Plex Pro Human Cytokine ICAM-1 Set, 1 x 96-well	Inquire
171-B6010M	Bio-Plex Pro Human Cytokine IFN- α 2 Set, 1 x 96-well	Inquire
171-B6011M	Bio-Plex Pro Human Cytokine LIF Set, 1 x 96-well	Inquire
171-B6012M	Bio-Plex Pro Human Cytokine MCP-3 Set, 1 x 96-well	Inquire
171-B6013M	Bio-Plex Pro Human Cytokine M-CSF Set, 1 x 96-well	Inquire
171-B6014M	Bio-Plex Pro Human Cytokine MIF Set, 1 x 96-well	Inquire
171-B6015M	Bio-Plex Pro Human Cytokine MIG Set, 1 x 96-well	Inquire
171-B6016M	Bio-Plex Pro Human Cytokine β -NGF Set, 1 x 96-well	Inquire
171-B6017M	Bio-Plex Pro Human Cytokine SCF Set, 1 x 96-well	Inquire
171-B6018M	Bio-Plex Pro Human Cytokine SCGF- β Set, 1 x 96-well	Inquire
171-B6019M	Bio-Plex Pro Human Cytokine SDF-1 α Set, 1 x 96-well	Inquire
171-B6020M	Bio-Plex Pro Human Cytokine TNF- β Set, 1 x 96-well	Inquire
171-B6021M	Bio-Plex Pro Human Cytokine TRAIL Set, 1 x 96-well	Inquire
171-B6022M	Bio-Plex Pro Human Cytokine VCAM-1 Set, 1 x 96-well	Inquire
Bio-Plex Pro Cytokine Reagent Kits**		
171-304070	Bio-Plex Pro Reagent Kit, 1 x 96-well, includes assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent	Inquire
171-304071	Bio-Plex Pro Reagent Kit, 10 x 96-well, includes assay buffer, wash buffer, detection antibody diluent, streptavidin-PE, filter plate, sealing tape, standard diluent, sample diluent	Inquire
Bio-Plex Human Cytokine Standards		
171-D50001	Bio-Plex Human Cytokine Standards Group I, 1-pack of 27 analytes	Inquire
171-D10501	Bio-Plex Human Cytokine Standards Group I, 50-pack of 27 analytes	Inquire
171-D60001	Bio-Plex Human Cytokine Standards Group II, 1-pack of 23 analytes	Inquire
171-D10502	Bio-Plex Human Cytokine Standards Group II, 50-pack of 23 analytes	Inquire
Bio-Plex Mouse Cytokine Standards		
171-I50001	Bio-Plex Mouse Cytokine Standards Group I, 1-pack of 23 analytes	Inquire
171-I10501	Bio-Plex Mouse Cytokine Standards Group I, 50-pack of 23 analytes	Inquire
171-I60001	Bio-Plex Mouse Cytokine Standards Group II, 1-pack of 9 analytes	Inquire
171-I10502	Bio-Plex Mouse Cytokine Standards Group II, 50-pack of 9 analytes	Inquire
Bio-Plex Assay Accessories		
171-304500	Bio-Plex Wash Buffer, 1.5 L	92.00
171-025001	Bio-Plex Pro Plates, 40 pack	198.00

* Each singleplex set includes coupled magnetic beads and detection antibodies for the detection of the specified analyte.

** Required only with singleplex sets.

Note: x-Plex assay panels can be ordered with any combination of available assays. For more information, go to www.bio-rad.com/bio-plex/x-plex/.

Electroporation

Electroporation is a powerful, highly efficient technique for introducing molecules (nucleic acids, proteins, carbohydrates, dyes, and viral particles) into a wide variety of eukaryotic cells. A high-intensity electric field transiently permeabilizes the membrane, enabling uptake of molecules from the surrounding medium. Electroporation provides a valuable and effective alternative to other physical and chemical methods of transfection.

For more information or to view our growing list of online protocols, go to www.bio-rad.com/genetransferprotocols/.

Gene Pulser MXcell™ ShockPod™ Cuvette Chamber

The Gene Pulser MXcell ShockPod cuvette chamber expands the capabilities of the Gene Pulser MXcell electroporation system by adding a choice in delivery tools. Protocols are cross-compatible between plates and cuvettes. The Gene Pulser MXcell ShockPod cuvette chamber is only compatible with the Gene Pulser MXcell electroporation system. Key features include:

- Chamber designed for one-handed use
- Light-weight chamber
- Cuvette slot that accepts any standard cuvette

For more information, request bulletin 5598 or 5760A, or go to www.bio-rad.com/genetransfer/.



Ordering Information

Catalog #	Description	Price, US \$
Gene Pulser MXcell ShockPod Cuvette Chamber		
165-2673	Gene Pulser MXcell ShockPod Cuvette Chamber, includes integral leads for connection to the Gene Pulser MXcell electroporation system	Inquire
Cuvette Packs*		
165-2081	Gene Pulser/MicroPulser Cuvettes, 0.4 cm gap, 5	15.00
165-2088	Gene Pulser/MicroPulser Cuvettes, 0.4 cm gap, 50	153.00
165-2091	Gene Pulser/MicroPulser Cuvettes, 0.4 cm gap, 500	1,136.00

* Please inquire about volume pricing.

Real-Time PCR Systems

Sample quantitation by real-time PCR increases reliability of gene expression analyses, improves viral load assessment, and accelerates throughput in screening applications. Bio-Rad real-time PCR detection systems allow target sequence detection via fluorescence detection chemistry. The systems include a 48-well system that enables two-target detection, as well as sophisticated higher-target-number detection systems with 96 or 384 wells. See the selection guide below for comparative specifications for these real-time systems.

For more information, request bulletin 5274 and 5589, or go to www.bio-rad.com/realtime/.

Real-Time PCR System Selection Guide



Feature	MiniOpticon™	CFX96™	CFX384™
Base thermal cycler	MJ Mini™	C1000™	C1000
Sample capacity	48 wells	96 wells	384 wells
Sample volume	Up to 50 µl	Up to 50 µl	Up to 30 µl
Light source	48 blue-green LEDs	6 filtered LEDs in optics shuttle	5 filtered LEDs in optics shuttle
Optical detection	2 photodiodes	6 photodiodes in optics shuttle	5 photodiodes in optics shuttle
Excitation range	470–500 nm	450–684 nm	450–650 nm
Detection range*	523–700 nm	515–730 nm	515–690 nm
Multiplex capability	Up to 2 targets	Up to 5 targets	Up to 4 targets
FRET capability	No	Yes	Yes
Maximum ramp rate	2.5°C/sec	5°C/sec	2.5°C/sec
Gradient capability	Yes	Yes	Yes
Gradient range	35–99°C	30–100°C	30–100°C
Temperature differential range	16°C	24°C	24°C
Dimensions (W x D x H)	18 x 32 x 33 cm (7 x 13 x 13")	33 x 46 x 36 cm (13 x 18 x 14")	33 x 46 x 36 cm (13 x 18 x 14")
Weight	6.8 kg (14.96 lb)	21.4 kg (47 lb)	21.4 kg (47 lb)

* Refer to system instruction manual or bulletins 5274 and 5589 for information on useful detection ranges for specific dyes.

CFX384™ Real-Time PCR Detection System

The CFX384 real-time PCR detection system brings flexibility and simplicity to researchers performing high-throughput real-time PCR in a 384-well format, with up to four-target detection and powerful data analysis. With the precise thermal control of the C1000™ thermal cycler, the CFX384 system delivers sensitive, reliable detection for real-time PCR applications, including absolute quantitation, genetic variation analysis, and gene expression. CFX Manager™ software, which runs on a PC, provides numerous features and tools to streamline experiment setup and data analysis.

The CFX384 system maximizes fluorescence detection for specific dyes in specific channels — the optics shuttle individually illuminates and detects fluorescence from each well with high sensitivity and no cross talk. At every position and with every scan, the optics shuttle is reproducibly centered above each well, so the light path is always optimal and there is no need to sacrifice data collection in one of the channels to normalize to a passive reference. Key features:

- Optical system uses long-lasting solid-state technology with 5 filtered LEDs and 5 filtered photodiodes for precise quantitation and target discrimination
- Factory calibration minimizes set-up time, so you can start doing experiments right away
- Multiple data acquisition modes let you tailor a run to suit your application
- Minimized sample and reagent usage allows you to obtain accurate results with low sample volumes
- Automated lid provides optimal sealing and enables automation compatibility
- Optimized system design makes throughput expansion easy, with the ability to control up to 4 instruments by a single computer
- CFX Manager software, Security Edition, integrates the power of the CFX384 real-time PCR detection system with good laboratory practice standards for data collection and analysis



For more information, request bulletin 5636 or 5637.

Ordering Information

Catalog #	Description	Price, US \$
CFX384 Real-Time PCR Detection System		
184-5384	CFX384 Optical Reaction Module * includes CFX Manager software, communication cable, reagent and consumable samples, instructions	53,000.00
185-5384	CFX384 Real-Time PCR Detection System , includes C1000 thermal cycler chassis, CFX384 optical reaction module, CFX Manager software, communication cable, power cord, reagent and consumable samples, instructions	Inquire
Accessories		
170-9799	Real-Time PCR Applications Guide	21.00
HSP-3805	Hard-Shell Thin-Wall 384-Well Skirted PCR Plates , clear shell, white well, 50	291.00
MSB-1001	Microseal 'B' Adhesive Seals , 100	141.00

* Order to upgrade an existing C1000 thermal cycler.

Software

CFX Manager™ Software, Security Edition

CFX Manager software, Security Edition, offers all the features of CFX Manager software, plus important tools for compliance with U.S. FDA 21 CFR Part 11 regulations. The Security Edition works with the security features of the Windows XP and Windows Vista operating systems to provide a secure environment for the maintenance, verification, and tracking of electronic records and signatures generated by the software. The Security Edition adds the following features to CFX Manager software:

- **Mandatory password-protected log-in** — valid Windows XP or Windows Vista username and password are required for all users
- **Hardware protection** — HASP hardware license (HL)-based key must be attached to a USB port on the computer to use the software
- **File encryption** — files cannot be opened or edited using other programs
- **Automatic file checking** — integrity and validity are checked each time a file is opened
- **Electronic signatures** — multiple electronic signatures can be applied to any file that can be opened within Security Edition software
- **Time- and date-stamped audit trails** — read-only information displayed in the audit trail can be viewed only while the data file of interest is open



System Requirements

	Minimum	Recommended
Operating system	Windows XP Professional SP2, Windows Vista Home Premium	Windows XP Professional SP2, Windows Vista Home Premium
Processor	1 GHz	2 GHz
RAM	1 GB (2 GB for Windows Vista)	2 GB
Hard drive space	10 GB	20 GB
Screen resolution	1,024 x 768 with true-color mode	1,280 x 1,024 with true-color mode
Drive	CD-ROM	CD-RW
USB port	2.0 Hi-Speed	2.0 Hi-Speed
Internet browser	Internet Explorer	Internet Explorer
Additional software	—	Microsoft Office Suite

Ordering Information

Catalog #	Description	Price, US \$
184-5001	CFX Manager Software, Security Edition , includes 1-user license, installation CD, HASP HL key, instructions	Inquire
184-5005	CFX Manager Software, Security Edition , includes 5-user licenses, 5 installation CDs, 5 HASP HL keys, instructions	Inquire
184-5010	CFX Manager Software, Security Edition , includes 10-user licenses, 10 installation CDs, 10 HASP HL keys, instructions	Inquire

C1000 Manager™ Software

C1000 Manager software installed on a PC can be used to control multiple connected 1000-series thermal cyclers. Protocols created with C1000 Manager software can be transferred to the C1000™ thermal cycler using a USB portable memory device. The software operates on Windows XP and Windows Vista operating systems, and allows users to:

- Write and edit protocols on a PC, then transfer them to a C1000 cycler using a USB portable memory device
- Control up to thirty-two 1000-series cyclers from a single computer (eight C1000 thermal cyclers, each connected to three S1000 thermal cyclers)
- Send protocols to connected thermal cyclers and start runs on individual or multiple blocks, either independently or simultaneously
- Monitor the progress of individual blocks and instruments from a central screen
- Create and manage user profiles, preferences, and access privileges
- View, zip, and send report logs
- Receive email notification of run completion



System Requirements

	Minimum	Recommended
Operating system	Windows XP Professional SP2, Windows Vista Home Premium	Windows XP Professional SP2, Windows Vista Home Premium
Processor	1 GHz	2 GHz
RAM	1 GB (2 GB for Windows Vista)	2 GB
Hard drive space	10 GB	20 GB
Screen resolution	1,024 x 768 with true-color mode	1,280 x 1,024 with true-color mode
Drive	CD-ROM	CD-RW
USB port	2.0 Hi-Speed	2.0 Hi-Speed
Internet browser	Internet Explorer	Internet Explorer
Additional software	—	Microsoft Office Suite

Ordering Information

Catalog #	Description	Price, US \$
184-4000	C1000 Manager Software , version 1.0, includes installation CD, instructions	2,500.00

Precision Melt Analysis™ Software

Precision Melt Analysis software imports and analyzes data files generated from the CFX96™ or CFX384™ real-time PCR detection system to genotype samples based on the thermal denaturation profiles of double-stranded DNA. The software can be used for a variety of genotyping applications, including scanning for new gene variants, screening DNA samples for SNPs, identifying insertions/deletions or other unknown mutations, and determining the percentage of methylated DNA in unknown samples. The software enables you to:

- Assign sample genotypes automatically based on cluster analysis, or manually using multiple data view options to tailor the software to the appropriate analysis
- Generate a basic representation of the different clusters based on curve shifting (homozygotes) and curve shape change (heterozygotes) using the normalized melt curves plot feature
- Compare data between multiple file runs by combining them into a single Melt Study — develop a standard library of melt-curve runs to analyze an unlimited number of melt experiments without having to export data
- View multiple displays of the data, including a simultaneous display of the original melt curves and the normalized plot
- Export data to multiple formats, including Microsoft Excel and Microsoft PowerPoint, image, XML, and HTML files
- Analyze multiple experiments from a single plate using the Well Groups feature
- Arrange melt data or melt study data into a customizable report



System Requirements

	Minimum	Recommended
Operating system	Windows XP Professional SP2, Windows Vista Home Premium	Windows XP Professional SP2, Windows Vista Home Premium
Processor	1 GHz	2 GHz
RAM	1 GB (2 GB for Windows Vista)	2 GB
Hard drive space	10 GB	20 GB
Screen resolution	1,024 x 768 with true-color mode	1,280 x 1,024 with true-color mode
Drive	CD-ROM	CD-RW
USB port	2.0 Hi-Speed	2.0 Hi-Speed
Internet browser	Internet Explorer	Internet Explorer
Additional software	—	Microsoft Office Suite

Ordering Information

Catalog #	Description	Price, US \$
184-5025	Precision Melt Analysis Software , includes 1-user license, installation CD, HASP HL key, instructions	3,000.00

Reagents

Bio-Rad PCR reagents are specially formulated for use in reverse transcription, PCR, and real-time PCR applications, with minimal user optimization required. All reagents are suitable for use in the entire line of Bio-Rad thermal cyclers and real-time PCR detection systems, and all demonstrate high performance over a wide dynamic range of input RNA, cDNA, genomic DNA, and plasmid DNA.

Amplification Reagent Selection Guide

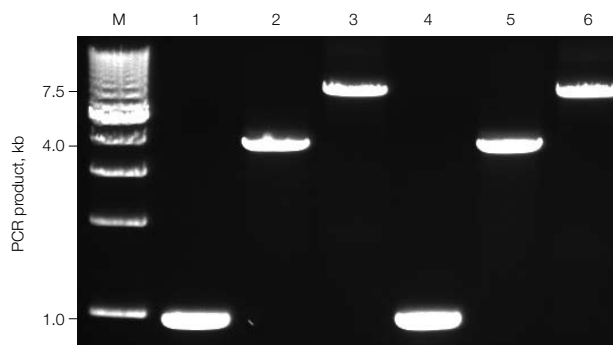
Application	Reagents
High-Fidelity, Long, or Fast PCR	Hot-start iProof™ DNA polymerase iProof™ high-fidelity DNA polymerase
Standard or Quantitative PCR	iTaq™ DNA polymerase and dNTP mix
Quantitative PCR	
Dye-based detection	SsoFast™ EvaGreen® supermix iQ™ SYBR® Green supermix iTaq™ SYBR® Green supermix with ROX iTaq™ fast SYBR® Green supermix with ROX
Probe-based detection	iQ™ supermix iTaq™ supermix with ROX iTaq fast supermix with ROX iQ multiplex powermix
One-Step Quantitative RT-PCR	
Dye-based detection	iScript™ one-step RT-PCR kit with SYBR® Green
Probe-based detection	iScript one-step RT-PCR kit for probes
Two-Step RT-PCR	
cDNA synthesis using a blend of random and oligo (dT) primers	iScript cDNA synthesis kit Hot-start iProof DNA polymerase iProof high-fidelity DNA polymerase iTaq DNA polymerase and dNTP mix
cDNA synthesis using random, oligo (dT), or gene-specific primers	iScript Select cDNA synthesis kit Hot-start iProof DNA polymerase iProof high-fidelity DNA polymerase iTaq DNA polymerase and dNTP mix
Two-Step Quantitative RT-PCR	
ROX-independent thermal cyclers	iScript Select cDNA synthesis kit iScript cDNA synthesis kit iQ supermix iQ™ SYBR® Green supermix iQ multiplex powermix
ROX-dependent thermal cyclers	iScript Select cDNA synthesis kit iScript cDNA synthesis kit iTaq supermix with ROX iTaq™ SYBR® Green supermix with ROX iTaq fast supermix with ROX iTaq™ fast SYBR® Green supermix with ROX iQ multiplex powermix ROX passive reference dye

For more information, go to www.bio-rad.com/pcrreagents/.

Hot-Start iProof™ DNA Polymerase

Hot-start iProof DNA polymerase is the newest enzyme to incorporate the patented* Sso7d fusion protein technology. Antibody-mediated inactivation of iProof™ high-fidelity DNA polymerase increases the specificity of PCR amplification by preventing nonspecific primer binding and product formation at ambient temperatures prior to the first PCR cycle. Maintaining industry-leading PCR performance parameters, which include extreme fidelity, speed, and yield, Hot-start iProof DNA polymerase now also offers superior specificity for all your PCR applications. Benefits include:

- Maximum specificity and the ability to carry out reaction setup at ambient temperature
- Rapid activation kinetics combined with the extreme speed of iProof high-fidelity DNA polymerase to deliver superior PCR results in as little as 30 minutes
- Complete activation that provides maximal enzymatic activity during PCR to generate higher yields
- Easy reaction assembly and streamlined protocol



Hot-start iProof DNA polymerase provides reliable amplification results for gene targets that are difficult to amplify. Amplification of GC-rich DNA fragments was performed using Hot-start iProof DNA polymerase (lanes 1, 2, and 3) and iProof high-fidelity DNA polymerase (lanes 4, 5, and 6) using optimal cycling conditions for each target. Total run time was 45 min for the 1 kb cycling protocol (lanes 1 and 4), 85 min for the 4 kb cycling protocol (lanes 2 and 5), and 120 min for the 7.5 kb cycling protocol (lanes 3 and 6). Lane M, 1 kb molecular ruler.

Ordering Information

Catalog #	Description	Price, US \$
172-5351	Hot-Start iProof DNA Polymerase, 2 U/μl, 100 U, includes 5x reaction buffers, MgCl ₂ solution, DMSO	Inquire
172-5352	Hot-Start iProof DNA Polymerase, 2 U/μl, 500 U	

SsoFast™ EvaGreen® Supermix

SsoFast EvaGreen supermix is the first member of a next-generation family of high-performance, real-time PCR reagents. This supermix uses patented* Sso7d fusion protein technology to deliver excellent performance in a wide range of qPCR applications. By combining a novel engineered hot-start fusion polymerase with optimized buffer and EvaGreen dye, robust qPCR results can be generated in less time and with increased reliability and sensitivity. Benefits include:

- Minimal inhibition of PCR — ensures maximum efficiency, sensitivity, and reproducibility, while providing higher fluorescence compared to SYBR® Green
- Optimal primer binding and extreme sensitivity for detection of a single-copy target molecule
- Guaranteed high-resolution melt compatibility for genotyping studies



* U.S. patent 6,627,424.

Ordering Information

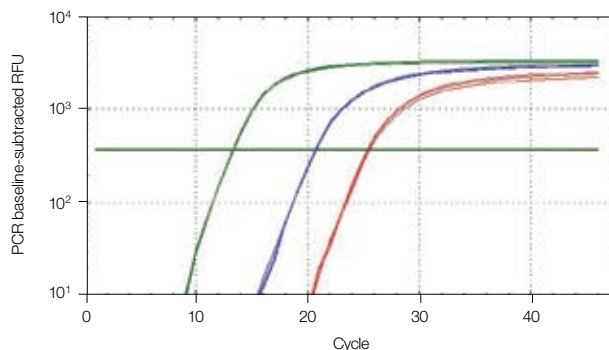
Catalog #	Description	Price, US \$
172-5200	SsoFast EvaGreen Supermix , 200 x 20 µl reactions, 2x mix contains dNTPs, Sso7d fusion polymerase, MgCl ₂ , EvaGreen dye, stabilizers	Inquire
172-5201	SsoFast EvaGreen Supermix , 500 x 20 µl	Inquire
172-5202	SsoFast EvaGreen Supermix , 1,000 x 20 µl	Inquire
172-5203	SsoFast EvaGreen Supermix , 20 ml bottle, 2,000 x 20 µl	Inquire

iScript™ RT-qPCR Sample Preparation Reagent

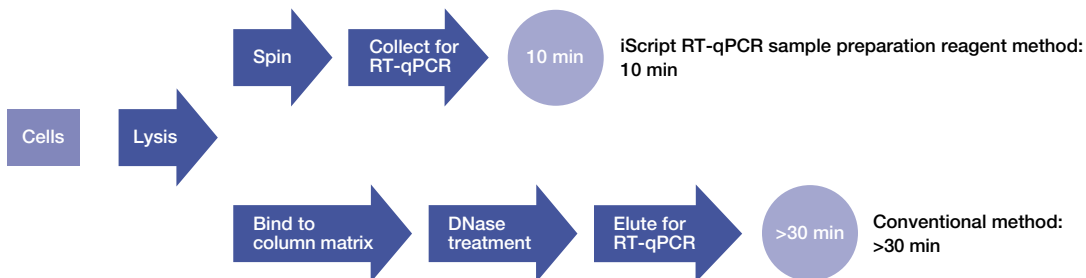
iScript RT-qPCR sample preparation reagent enables efficient cell lysis, RNA stabilization, and removal of genomic DNA for sensitive quantitative gene expression analysis without RNA purification. This unique reagent accelerates and streamlines RT-qPCR analysis of cultured cells by eliminating the need to purify RNA. Reverse transcription and real-time PCR can be performed directly from cell lysates. This reagent is ideal for rapid, high-throughput gene expression analysis, such as validation of siRNA-mediated gene knockdown.

Key features:

- Rapid protocol (5–10 minutes) efficiently removes genomic DNA and stabilizes RNA
- Sensitive detection of high-, medium-, and low-copy gene targets directly from cell lysates
- Reagent enables multiplex real-time PCR detection of up to 4 targets from as few as 10 cells



iScript RT-qPCR sample preparation reagent provides rapid, yet sensitive gene expression results for high-, medium-, and low-copy gene targets. HeLa cells were treated with iScript RT-qPCR sample preparation reagent at 125 cells/µl and the expression levels of three different genes was assessed. 18S rRNA (→), β-tubulin (→), and CMYC (→) expression levels were determined by performing reverse transcription (iScript cDNA synthesis kit) and qPCR (Q™ SYBR® Green supermix) directly from cell lysate preparations.



Ordering Information

Catalog #	Description	Price, US \$
170-8898	iScript RT-qPCR Sample Preparation Reagent , 100 reactions, 10 ml, contains RNase inhibitors and RNA stabilizers	Inquire
170-8899	iScript RT-qPCR Sample Preparation Reagent , 500 reactions, 5 x 10 ml	Inquire

Classroom Kits

Biotechnology Explorer™ Kits

Today's students must be prepared to compete in a global economy driven by science and technology. Biotechnology Explorer kits and curricula have been designed to align with current science content standards and performance indicators and to meet the expectations of the most rigorous college preparatory curricula.

Biotechnology Explorer kits address the critical need for inquiry-based activity — an important component of scientific literacy for an educated citizenry and a launch point of experience and practical training for students interested in careers in biotechnology.

For more information on Biotechnology Explorer kits, request the current Biotechnology Explorer catalog (bulletin 2112), or go to explorer.bio-rad.com.

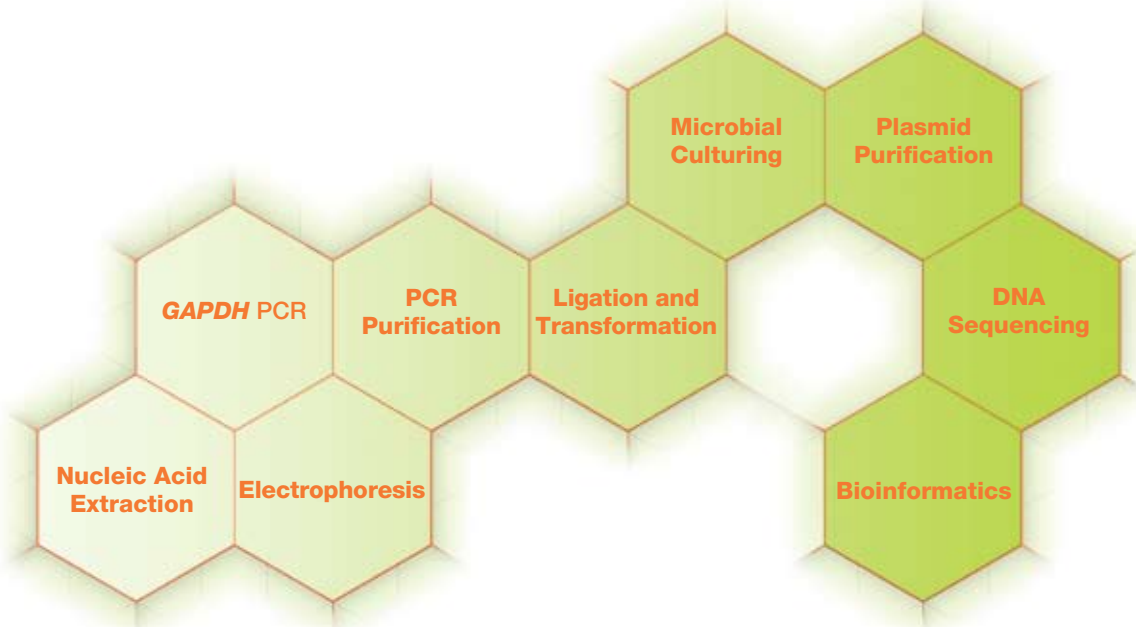


Cloning and Sequencing Explorer Series

Equip students with technical skills for entry-level lab positions, or inspire them to pursue graduate degrees in scientific research. The Cloning and Sequencing Explorer Series has been designed with the assistance of undergraduate and community college educators to meet the needs of biotechnology and biology course instructors who want students to understand how molecular biology skills and techniques are applied to real-world research projects.

From DNA extraction to computer-based sequence analysis, this modular kit is designed as a 6–8 week series of lab activities in which students clone and analyze a plant housekeeping gene that encodes glyceraldehyde-3-phosphate dehydrogenase, *GAPDH*.

This lab course provides students with the opportunity to perform novel research, allowing them to clone and sequence a gene from an uncharacterized plant species and to add to the body of scientific knowledge around the world. The series provides a fully developed and ready-to-go lab course, including relevant background, protocols that work, and student assessment.



classroom kits

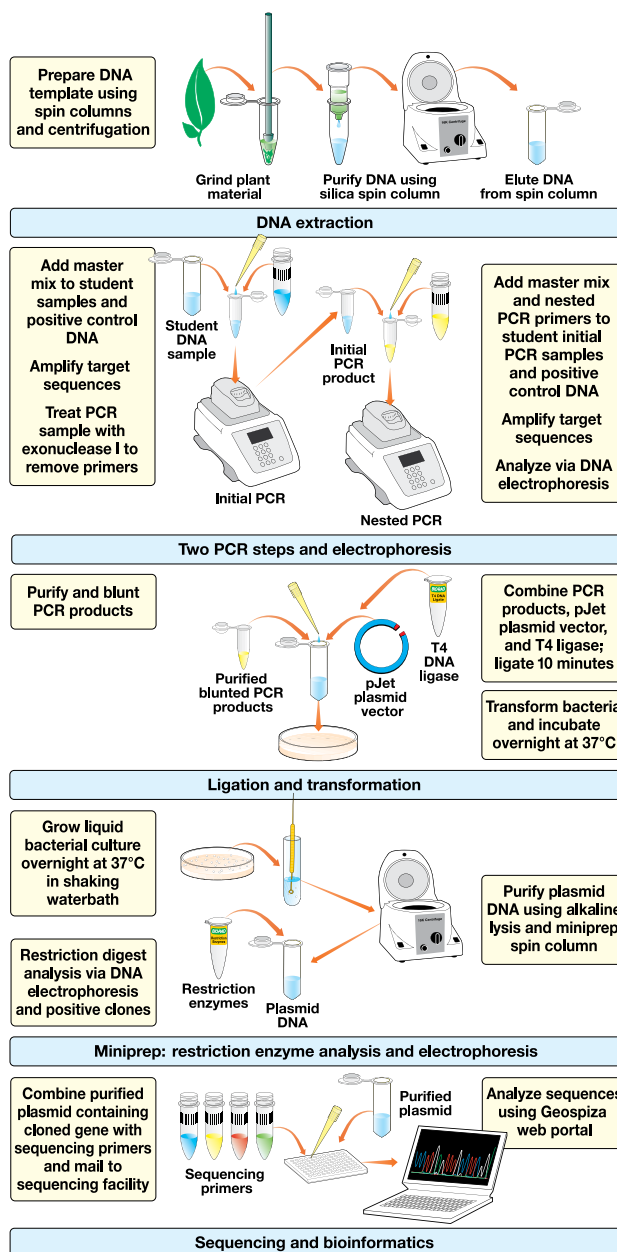
With the Cloning and Sequencing Explorer Series students will:

- **Extract plant source genomic DNA** — use degenerate primers to perform nested PCR to amplify a major portion of the *GAPC* gene, a housekeeping gene in the *GAPDH* family that is essential for respiration, the most basic of biological processes
- **Clone the gene fragment** — transform the bacteria with the fragment, screen clones using plasmid minipreps and restriction enzymes, and send positive clones to be sequenced
- **Perform extensive bioinformatics analysis on their novel sequences** — conduct BLAST searches, assemble forward and reverse sequences into contigs, identify introns and exons, and transcribe and translate gene sequences into proteins

Upon completion of the lab course, students may elect to submit novel sequences to the National Institutes of Health National Center for Biotechnology Information (NCBI) databases, thereby making their research available to the worldwide scientific community.

This laboratory course is designed to ensure success for you and your students. Tailored controls permit the continuation of the experiment to its conclusion. This allows students to make mistakes, learn from them, and still be exposed to every step of the workflow within a specific time period.

Students will experience firsthand the satisfaction that comes from a completed and successful research project, which may encourage them to pursue a career in research.

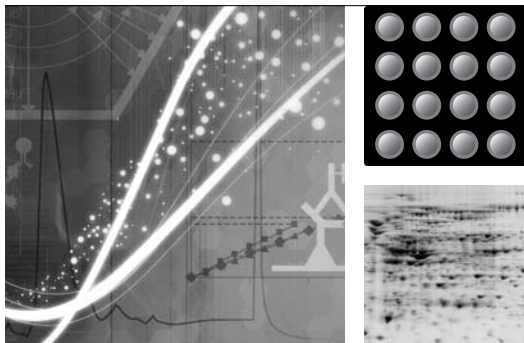


Ordering Information

Catalog #	Description	Price, US \$
166-5000EDU*	Complete Cloning and Sequencing Explorer Series , includes all 8 modules, 12 workstations	1,365.00
166-5005EDU	Nucleic Acid Extraction Module	160.00
166-5010EDU	<i>GAPDH</i> PCR Module	355.00
166-0451EDU	Electrophoresis Module	54.00
732-6300EDU	PCR Kleen Spin Purification Module	45.00
166-5015EDU	Ligation and Transformation Module	299.00
166-5020EDU	Microbial Culturing Module	89.00
732-6400EDU	Aurum Plasmid Mini Purification Module	120.00
166-5025EDU	Sequencing and Bioinformatics Module	219.00
166-5001EDU	Curriculum Resource CD	25.00

* Ships with both temperature-sensitive and room-temperature components. Immediately store temperature-sensitive items at 4°C or -20°C as indicated.

EDU price discounts are for qualified educational institutions and educators only. Items are available at list price for noneducators (must be ordered without an EDU suffix).



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Affi-Gel®	Chromo4™	Gene Pulser MXcell™	MJ Mini™	ReadyPrep™
Affi-Prep®	CHT™	Gene Pulser Xcell™	MJ Research®	ReadyStrip™
AG®	CleanCut™	GeneShot™	Molecular Imager®	ReadySub-Cell™
Alpha™	C-Max™	Genes in a Bottle™	Molecular Imager FX™	Remote Alpha Dock™
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AnyGel™	C/P Lift®	Got Protein?™	Multiplate™	Screen-Guard™
AquaPure™	Crime Scene Investigator PCR Basics™	GS-800™	MyCycler™	Secrets of the Rainforest™
Aurum™	Criterion™	Hard-Shell™	MyiQ™	Self-Seal™
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BioLogic DuoFlow Maximizer™	DNA Engine Tetrad®	iDQuest™	Personal Molecular Imager™	Slide Griddle™
BioLogic DuoFlow Pathfinder™	Dodeca™	Image Lab™	Personal Molecular Imager FX™	SmartSpec™
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Bio-Plex®	EasyPack™	InPlace™	Power Bonnet™	Trans-Blot®
Bio-Plex Manager™	EasyShock™	InstaGene™	PowerPac™	TransFectin™
Bio-Plex Pro™	Econo™	iProof™	Precision Melt Analysis™	trUView™
Bio-Rad®	Econo-Column®	iQ™	Precision Plus Protein™	Ultramark™
Bio-Rex®	Econo-Pac®	iScript™	Precision Pro™	UltraRocker™
Bio-Safe™	ELISA Immuno Explorer™	iTaq™	Precision Protein™	UNO®
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C1000 Manager™	EZ Micro™	MCP™	Proteomweaver™	WesternC™
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Certified™	FIGE Mapper™	Micro-Guard®	ProteOn Manager™	Xcluda™
CFT™	Flamingo™	Microplate Manager®	PTC-100®	xMark™
CFX96™	Flat Block™	MicroPulser™	PulseTrac™	x-Plex™
CFX384™	FluorAce™	MicroRotofor™	PureZOL™	XPR™
CFX Manager™	FPQuest™	Microseal®	Quantity One®	yogurtness™
Checkmark™	Frame-Seal™	MICROTECH™	Quantum Prep®	Zeta-Probe®
CHEF-DR®	Freeze 'N Squeeze™	MiniCycler®	Quick Start™	
CHEF Mapper®	GelAir™	MiniOpticon™	Radiant®	
Chelex®	Gel Doc™	Mini-PROTEAN®	RC DC™	
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Purification and preparation of fusion proteins and affinity peptides containing at least two adjacent histidine residues may require a license under US patents 5,284,933 and 5,310,663, including foreign patents (assignee: Hoffmann-La Roche). Expression and purification of GST fusion proteins may require a license under US patent 5,654,176 (assignee: Chemicon International).

The SELDI process is covered by US patents 5,719,060, 6,225,047, 6,579,719, and 6,818,411 and other issued patents and pending applications in the US and other jurisdictions.

Strep-tag technology for western blot detection is covered by US patent 5,506,121 and by UK patent 2,272,698.

New Literature Available

Bio-Rad's large library of literature is available to order both online and by mail. To order new print literature, return the Reader Service Card in this catalog supplement. To browse or search a complete list of available literature, visit the Bio-Rad web site at discover.bio-rad.com. Many items are available as downloadable PDF files.

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100-5430	PROTEAN II Latch Assembly Kit, for central cooling core	Inquire	215	130-0151	Bio-Gel HT Hydroxyapatite, hydrated, 500 ml	417.00	48
125-0060	Bio-Sil SEC 125-5 Column, 300 x 7.8 mm	1,518.00	71	130-0420	Bio-Gel HTP Hydroxyapatite, powder, 100 g	263.00	48
125-0062	Bio-Sil SEC 250-5 Column, 300 x 7.8 mm	1,518.00	71	130-0421	Bio-Gel HTP Hydroxyapatite, powder, 1 kg	Inquire	48
125-0064	Bio-Sil SEC 400-5 Column, 300 x 7.8 mm	1,518.00	71	130-0425	Bio-Gel HTP Hydroxyapatite, powder, 5 kg	Inquire	48
125-0072	Bio-Sil SEC 125 Guard, 80 x 7.8 mm	720.00	71	130-0520	Bio-Gel HTP Hydroxyapatite, DNA grade, 100 g	270.00	48
125-0073	Bio-Sil SEC 250 Guard, 80 x 7.8 mm	666.00	71	140-1231	AG 1-X2 Resin, chloride, 50–100 mesh, 500 g	477.00	44
125-0074	Bio-Sil SEC 400 Guard, 80 x 7.8 mm	666.00	71	140-1241	AG 1-X2 Resin, chloride, 100–200 mesh, 500 g	389.00	44
125-0094	Aminex HPX-87C Column, 250 x 4.0 mm	893.00	69	140-1251	AG 1-X2 Resin, chloride, 200–400 mesh, 500 g	389.00	44
125-0095	Aminex HPX-87C Column, 300 x 7.8 mm	1,191.00	69	140-1253	AG 1-X2 Resin, acetate, 200–400 mesh, 500 g	595.00	44
125-0096	Aminex HPX-42C Column, 300 x 7.8 mm	1,131.00	69	140-1331	AG 1-X4 Resin, chloride, 50–100 mesh, 500 g	351.00	44
125-0097	Aminex HPX-42A Column, 300 x 7.8 mm	1,338.00	69	140-1341	AG 1-X4 Resin, chloride, 100–200 mesh, 500 g	477.00	44
125-0098	Aminex HPX-87P Column, 300 x 7.8 mm	1,338.00	69	140-1351	AG 1-X4 Resin, chloride, 200–400 mesh, 500 g	535.00	44
125-0100	Fast Acid Analysis Column, 100 x 7.8 mm	967.00	70	140-1421	AG 1-X8 Resin, chloride, 20–50 mesh, 500 g	270.00	44
125-0105	Fast Carbohydrate Column, 100 x 7.8 mm	1,056.00	69	140-1422	AG 1-X8 Resin, hydroxide, 20–50 mesh, 500 g	334.00	44
125-0115	Fermentation Monitoring Column, 150 x 7.8 mm	1,100.00	70	140-1431	AG 1-X8 Resin, chloride, 50–100 mesh, 500 g	417.00	44
125-0118	Micro-Guard De-Ashing Refill Cartridges, 30 x 4.6 mm, 2	237.00	70	140-1441	AG 1-X8 Resin, chloride, 100–200 mesh, 500 g	417.00	44
125-0119	Micro-Guard Carbo-P Refill Cartridges, 30 x 4.6 mm, 2	340.00	70	140-1443	AG 1-X8 Resin, acetate, 100–200 mesh, 500 g	536.00	44
125-0128	Micro-Guard Carbo-C Refill Cartridges, 30 x 4.6 mm, 2	237.00	70	140-1444	AG 1-X8 Resin, formate, 100–200 mesh, 500 g	446.00	44
125-0129	Micro-Guard Cation H Refill Cartridges, 30 x 4.6 mm, 2	237.00	70	140-1451	AG 1-X8 Resin, chloride, 200–400 mesh, 500 g	446.00	44
125-0131	Standard Cartridge Holder	521.00	70	140-1453	AG 1-X8 Resin, acetate, 200–400 mesh, 500 g	446.00	44
125-0139	De-Ashing Cartridge Holder, for 125-0118	653.00	70	140-1454	AG 1-X8 Resin, formate, 200–400 mesh, 500 g	446.00	44
125-0140	Aminex HPX-87H Column, 300 x 7.8 mm	1,220.00	69, 70	140-2421	AG 2-X8 Resin, chloride, 20–50 mesh, 500 g	477.00	44
125-0142	Aminex HPX-87K Column, 300 x 7.8 mm	1,220.00	69	140-4341	AG 4-X4 Resin, free base, 100–200 mesh, 500 g	417.00	45
125-0143	Aminex HPX-87N Column, 300 x 7.8 mm	1,220.00	69	140-7841	Bio-Rex 5 Resin, chloride, 100–200 mesh, 500 g	748.00	445
125-0147	Cartridge Holder Seal Replacement Kit	206.00	70	140-7851	Bio-Rex 5 Resin, chloride, 200–400 mesh, 500 g	556.00	45
125-0148	Cartridge Holder Seals, for 125-0131	95.00	70	141-1831	AG MP-1M Resin, chloride, 50–100 mesh, 500 g	556.00	45
125-0224	Injection Needle	49.00	109	141-1841	AG MP-1M Resin, chloride, 100–200 mesh, 500 g	556.00	45
125-0233	Carbohydrate Analysis Kit	1,280.00	70	141-1851	AG MP-1M Resin, chloride, 200–400 mesh, 500 g	668.00	45
125-0234	Organic Acid Analysis Kit	1,280.00	70	142-1231	AG 50W-X2 Resin, hydrogen, 50–100 mesh, 500 g	536.00	44
125-0475	Bio-Silect SEC 125-5 Column, 300 x 7.8 mm	1,557.00	71	142-1241	AG 50W-X2 Resin, hydrogen, 100–200 mesh, 500 g	536.00	44
125-0476	Bio-Silect SEC 250-5 Column, 300 x 7.8 mm	1,557.00	71	142-1251	AG 50W-X2 Resin, hydrogen, 200–400 mesh, 500 g	583.00	44
125-0477	Bio-Silect SEC 400-5 Column, 300 x 7.8 mm	1,660.00	71	142-1253	Chelex 100 Resin, mol. biol. grade, 200–400 mesh, 50 g	150.00	8, 46
125-0479	Bio-Silect SEC 250 Guard, 50 x 7.8 mm	666.00	71	142-1331	AG 50W-X4 Resin, hydrogen, 50–100 mesh, 500 g	417.00	44
125-0480	Bio-Silect SEC 400 Guard, 50 x 7.8 mm	666.00	71	142-1341	AG 50W-X4 Resin, hydrogen, 100–200 mesh, 500 g	417.00	44
125-0502	Micro-Guard IG Cation H Cartridges, 30 x 4.6 mm, 2	251.00	70	142-1351	AG 50W-X4 Resin, hydrogen, 200–400 mesh, 500 g	417.00	44
125-0503	Micro-Guard IG Carbo-C Cartridges, 30 x 4.6 mm, 2	251.00	70	142-1421	AG 50W-X8 Resin, hydrogen, 20–50 mesh, 500 g	345.00	44
125-0506	Micro-Guard Anion CO ₃ ⁻ Cartridges, 30 x 4.6 mm, 2	281.00	70	142-1431	AG 50W-X8 Resin, hydrogen, 50–100 mesh, 500 g	536.00	44
125-0507	Micro-Guard Cation K ⁺ Cartridges, 30 x 4.6 mm, 2	223.00	70	142-1441	AG 50W-X8 Resin, hydrogen, 100–200 mesh, 500 g	464.00	44
125-0508	Micro-Guard Cation Na ⁺ Cartridges, 30 x 4.6 mm, 2	260.00	70	142-1451	AG 50W-X8 Resin, hydrogen, 200–400 mesh, 500 g	548.00	44
125-0561	Anion Exchange Chromatography Protein Standard, 6 vials	195.00	61	142-1641	AG 50W-X12 Resin, hydrogen, 100–200 mesh, 500 g	807.00	44
125-0562	Cation Exchange Chromatography Protein Standard, 6 vials	195.00	61	142-1651	AG 50W-X12 Resin, hydrogen, 200–400 mesh, 500 g	1,551.00	44
125-0585	Carbohydrate Analysis Standard, 6 vials	121.00	62	142-2822	Chelex 100 Resin, sodium, 50–100 mesh, 500 g	597.00	45
125-0586	Organic Acid Analysis Standard, 6 vials	121.00	62	142-2825	Chelex 100 Resin, iron, 100–200 mesh, 100 g	597.00	45
130-0150	Bio-Gel HT Hydroxyapatite, hydrated, 250 ml	236.00	48	142-2832	Chelex 100 Resin, sodium, 100–200 mesh, 500 g	597.00	45
				142-2842	Chelex 100 Resin, sodium, 200–400 mesh, 500 g	716.00	45

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142-5822	Bio-Rex 70 Resin, sodium, 20–50 mesh, 500 g	597.00	45	150-4170	Bio-Gel P-100 Gel, medium, 100 g	299.00	58
142-5832	Bio-Rex 70 Resin, sodium, 50–100 mesh, 500 g	597.00	45	150-4174	Bio-Gel P-100 Gel, fine, 100 g	299.00	58
142-5842	Bio-Rex 70 Resin, sodium, 100–200 mesh, 500 g	597.00	45	151-1901	Gel Filtration Standard, 6 vials	167.00	62
142-5852	Bio-Rex 70 Resin, sodium, 200–400 mesh, 500 g	597.00	45	152-2150	Bio-Beads S-X1 Support, 100 g	299.00	59
142-6424	AG 501-X8 Resin, H ⁺ + OH ⁻ , 20–50 mesh, 500 g	211.00	45	152-2151	Bio-Beads S-X1 Support, 1 kg	2,703.00	59
142-6425	AG 501-X8(D) Resin, H ⁺ + OH ⁻ , 20–50 mesh, 500 g	299.00	45	152-2750	Bio-Beads S-X3 Support, 100 g	299.00	59
142-7425	Bio-Rex MSZ 501(D) Resin, H ⁺ + OH ⁻ , 25–35 mesh, 500 g	299.00	45	152-3350	Bio-Beads S-X8 Support, 100 g	299.00	59
142-7834	AG 11 A8 Resin, self-adsorbed, 50–100 mesh, 500 g	417.00	45	152-3650	Bio-Beads S-X12 Support, 100 g	299.00	59
143-0841	AG MP-50 Resin, hydrogen, 100–200 mesh, 500 g	626.00	45	152-3920	Bio-Beads SM-2 Adsorbents, biotech. grade, 100 g	299.00	60
143-1255	AG 1-X2 Resin, biotech. grade, 200–400 mesh, 100 g	299.00	46	152-8920	Bio-Beads SM-2 Adsorbents, biotech. grade, 25 g	96.00	60
143-1345	AG 1-X4 Resin, biotech. grade, 100–200 mesh, 100 g	299.00	46	153-0021	Macro-Prep 25 Q Support, 50 ml	531.00	40
143-1441	AG 50W-X8 Resin, mol. biol. grade, 100–200 mesh, 100 g	299.00	46	153-0022	Macro-Prep 25 Q Support, 200 ml	1,874.00	40
143-1451	AG 50W-X8 Resin, mol. biol. grade, 200–400 mesh, 100 g	299.00	46	153-0023	Macro-Prep 25 Q Support, 1 L	4,500.00	40
143-2445	AG 1-X8 Resin, biotech. grade, 100–200 mesh, 100 g	299.00	46	153-0024	Macro-Prep 25 Q Support, 5 L	Inquire	40
143-2446	AG 1-X8 Resin, biotech. grade, 200–400 mesh, 100 g	299.00	46	153-0031	Macro-Prep 25 S Support, 50 ml	531.00	40
143-2832	Chelex 100 Resin, biotech. grade, 100–200 mesh, 100 g	299.00	46	153-0032	Macro-Prep 25 S Support, 200 ml	1,874.00	40
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143-5341	AG 50W-X4 Resin, biotech. grade, 200–400 mesh, 100 g	299.00	46	153-0034	Macro-Prep 25 S Support, 5 L	Inquire	40
143-5441	AG 50W-X8 Resin, biotech. grade, 100–200 mesh, 100 g	299.00	46	153-0990	EDAC, 5 g	152.00	57
143-5451	AG 50W-X8 Resin, biotech. grade, 200–400 mesh, 100 g	299.00	46	153-1000	Affi-Gel 10 Gel, 1 L	3,002.00	56
143-5832	Bio-Rex 70 Resin, biotech. grade, 50–100 mesh, 100 g	299.00	46	153-1500	Affi-Gel 15 Gel, 1 L	3,500.00	56
143-5852	Bio-Rex 70 Resin, biotech. grade, 200–400 mesh, 100 g	299.00	46	153-2401	Affi-Gel 102 Gel, 50 ml	216.00	57
143-6424	AG 501-X8 Resin, mol. biol. grade, 20–50 mesh, 100 g	299.00	46	153-6046	Affi-Gel 10 Gel, 4 x 25 ml	384.00	56
143-6425	AG 501-X8(D) Resin, mol. biol. grade, 20–50 mesh, 100 g	299.00	46	153-6047	Affi-Gel Hz Hydrazide Gel, 25 ml	196.00	56
143-7424	AG 501-X8 Resin, biotech. grade, 20–50 mesh, 100 g	299.00	46	153-6051	Affi-Gel 15 Gel, 25 ml	140.00	56
143-7425	AG 501-X8(D) Resin, biotech. grade, 20–50 mesh, 100 g	299.00	46	153-6052	Affi-Gel 15 Gel, 4 x 25 ml	362.00	56
143-7834	AG 11 A8 Resin, biotech. grade, 50–100 mesh, 100 g	299.00	46	153-6054	Affi-Gel Hz 10x Coupling Buffer Concentrate, 500 ml	96.00	56
150-0738	Bio-Gel P-6DG Gel, 100 g	299.00	58	153-6055	Affi-Gel Oxidizer, 250 mg	49.00	56
150-0739	Bio-Gel P-6DG Gel, 1 kg	Inquire	58	153-6060	Affi-Gel Hz Immunoaffinity Kit	249.00	56
150-4114	Bio-Gel P-2 Gel, fine, 100 g	299.00	58	153-6098	Affi-Gel 10/15 Combination, 2 x 25 ml each	249.00	56
150-4115	Bio-Gel P-2 Gel, fine, 500 g	1,132.00	58	153-6099	Affi-Gel 10 Gel, 25 ml	122.00	56
150-4118	Bio-Gel P-2 Gel, extra fine, 100 g	304.00	58	153-6103	Affi-Gel Boronate Gel, 5 g	414.00	55
150-4120	Bio-Gel P-4 Gel, medium, 100 g	299.00	58	153-6104	Affi-Gel Boronate Gel, 50 g	Inquire	55
150-4124	Bio-Gel P-4 Gel, fine, 100 g	299.00	58	153-6153	Affi-Gel Protein A Support, 5 ml	234.00	55
150-4128	Bio-Gel P-4 Gel, extra fine, 100 g	299.00	58	153-6154	Affi-Gel Protein A Support, 50 ml	1,685.00	55
150-4130	Bio-Gel P-6 Gel, medium, 100 g	208.00	58	153-6159	Affi-Gel Protein A MAPS II Kit	305.00	55
150-4134	Bio-Gel P-6 Gel, fine, 100 g	299.00	58	153-6161	Protein A MAPS II Binding Buffer, makes 5 L	614.00	55
150-4140	Bio-Gel P-10 Gel, medium, 100 g	299.00	58	153-6173	Affi-Gel Heparin Gel, 40 ml	220.00	55
150-4144	Bio-Gel P-10 Gel, fine, 100 g	299.00	58	153-7301	Affi-Gel Blue Gel, 50–100 mesh, 100 ml	170.00	55
150-4150	Bio-Gel P-30 Gel, medium, 100 g	299.00	58	153-7302	Affi-Gel Blue Gel, 100–200 mesh, 100 ml	206.00	55
150-4154	Bio-Gel P-30 Gel, fine, 100 g	299.00	58	153-7304	CM Affi-Gel Blue Gel, 100 ml	296.00	55
150-4160	Bio-Gel P-60 Gel, medium, 100 g	299.00	58	153-7307	DEAE Affi-Gel Blue Gel, 100 ml	272.00	55
150-4164	Bio-Gel P-60 Gel, fine, 100 g	299.00	58	156-0005	Affi-Prep Protein A Support, 25 ml	1,120.00	55
				156-0006	Affi-Prep Protein A Support, 5 ml	303.00	55
				156-0010	Affi-Prep Polymyxin Support, 25 ml	386.00	55
				156-0020	Macro-Prep DEAE Support, 100 ml	189.00	40
				156-0021	Macro-Prep DEAE Support, 500 ml	625.00	40
				156-0022	Macro-Prep DEAE Support, 5 L	Inquire	40
				156-0023	Macro-Prep DEAE Support, 10 L	Inquire	40

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Cat. #	Description	Price, US \$	Page	Cat. #	Description	Price, US \$	Page
156-0030	Macro-Prep High S Support, 100 ml	189.00	40	156-3002	Profinity eXact Supercoiled Expression Vector Kit	175.00	96
156-0031	Macro-Prep High S Support, 500 ml	625.00	40	156-3003	BL21 (DE3) Chemi-Competent Expression Cells	80.00	96
156-0032	Macro-Prep High S Support, 5 L	Inquire	40	156-3004	Profinity eXact Antibody Reagent	250.00	96
156-0033	Macro-Prep High S Support, 10 L	Inquire	40	156-3005	Profinity eXact Purification Resin, 10 ml	450.00	98
156-0040	Macro-Prep High Q Support, 100 ml	189.00	40	156-3006	Profinity eXact Mini Spin Purification Starter Kit	350.00	98
156-0041	Macro-Prep High Q Support, 500 ml	625.00	40	156-3007	Profinity eXact Mini Spin Columns	125.00	98
156-0042	Macro-Prep High Q Support, 5 L	Inquire	40	156-3008	Profinity eXact Expression and Purification Starter Kit	607.00	98
156-0043	Macro-Prep High Q Support, 10 L	Inquire	40	157-0020	CHT Ceramic Hydroxyapatite, Type I, 20 µm, 100 g	679.00	48
156-0070	Macro-Prep CM Support, 100 ml	189.00	40	157-0021	CHT Ceramic Hydroxyapatite, Type I, 20 µm, 1 kg	Inquire	48
156-0071	Macro-Prep CM Support, 500 ml	625.00	40	157-0025	CHT Ceramic Hydroxyapatite, Type I, 20 µm, 5 kg	Inquire	48
156-0072	Macro-Prep CM Support, 5 L	Inquire	40	157-0040	CHT Ceramic Hydroxyapatite, Type I, 40 µm, 100 g	656.00	48
156-0073	Macro-Prep CM Support, 10 L	Inquire	40	157-0041	CHT Ceramic Hydroxyapatite, Type I, 40 µm, 1 kg	Inquire	48
156-0080	Macro-Prep Methyl HIC Support, 100 ml	312.00	60	157-0045	CHT Ceramic Hydroxyapatite, Type I, 40 µm, 5 kg	Inquire	48
156-0081	Macro-Prep Methyl HIC Support, 500 ml	1,198.00	60	157-0080	CHT Ceramic Hydroxyapatite, Type I, 80 µm, 100 g	651.00	48
156-0082	Macro-Prep Methyl HIC Support, 5 L	Inquire	60	157-0081	CHT Ceramic Hydroxyapatite, Type I, 80 µm, 1 kg	Inquire	48
156-0083	Macro-Prep Methyl HIC Support, 10 L	Inquire	60	157-0085	CHT Ceramic Hydroxyapatite, Type I, 80 µm, 5 kg	Inquire	48
156-0090	Macro-Prep t-Butyl HIC Support, 100 ml	312.00	60	157-2000	CHT Ceramic Hydroxyapatite, Type II, 20 µm, 100 g	733.00	48
156-0091	Macro-Prep t-Butyl HIC Support, 500 ml	1,198.00	60	157-2100	CHT Ceramic Hydroxyapatite, Type II, 20 µm, 1 kg	Inquire	48
156-0092	Macro-Prep t-Butyl HIC Support, 5 L	Inquire	60	157-2500	CHT Ceramic Hydroxyapatite, Type II, 20 µm, 5 kg	Inquire	48
156-0093	Macro-Prep t-Butyl HIC Support, 10 L	Inquire	60	157-4000	CHT Ceramic Hydroxyapatite, Type II, 40 µm, 100 g	682.00	48
156-0101	UNOsphere Q Media, 25 ml	70.00	38	157-4100	CHT Ceramic Hydroxyapatite, Type II, 40 µm, 1 kg	Inquire	48
156-0103	UNOsphere Q Media, 100 ml	174.00	38	157-4500	CHT Ceramic Hydroxyapatite, Type II, 40 µm, 5 kg	Inquire	48
156-0105	UNOsphere Q Media, 500 ml	809.00	38	157-5000	CFT Ceramic Fluoroapatite, Type II, 40 µm, 100 g	773.00	50
156-0107	UNOsphere Q Media, 10 L	Inquire	38	157-5100	CFT Ceramic Fluoroapatite, Type II, 40 µm, 1 kg	Inquire	50
156-0111	UNOsphere S Media, 25 ml	70.00	38	157-5500	CFT Ceramic Fluoroapatite, Type II, 40 µm, 5 kg	Inquire	50
156-0113	UNOsphere S Media, 100 ml	174.00	38	157-8000	CHT Ceramic Hydroxyapatite, Type II, 80 µm, 100 g	614.00	48
156-0115	UNOsphere S Media, 500 ml	809.00	38	157-8100	CHT Ceramic Hydroxyapatite, Type II, 80 µm, 1 kg	Inquire	48
156-0117	UNOsphere S Media, 10 L	Inquire	38	157-8500	CHT Ceramic Hydroxyapatite, Type II, 80 µm, 5 kg	Inquire	48
156-0121	Profinity IMAC Uncharged Resin, 10 ml	68.00	55	158-0020	Macro-Prep DEAE Support, 25 ml	63.00	40
156-0123	Profinity IMAC Uncharged Resin, 50 ml	282.00	55	158-0030	Macro-Prep High S Support, 25 ml	63.00	40
156-0125	Profinity IMAC Uncharged Resin, 500 ml	2,475.00	55	158-0040	Macro-Prep High Q Support, 25 ml	63.00	40
156-0127	Profinity IMAC Uncharged Resin, 1 L	3,748.00	55	158-0070	Macro-Prep CM Support, 25 ml	63.00	40
156-0131	Profinity IMAC Ni-Charged Resin, 10 ml	85.00	55	158-0080	Macro-Prep Methyl HIC Support, 25 ml	63.00	60
156-0133	Profinity IMAC Ni-Charged Resin, 25 ml	194.00	55	158-0090	Macro-Prep t-Butyl HIC Support, 25 ml	63.00	60
156-0135	Profinity IMAC Ni-Charged Resin, 100 ml	732.00	55	158-0100	Media Sampler Pack	401.00	61
156-0137	Profinity IMAC Ni-Charged Resin, 500 ml	3,309.00	55	158-2000	CHT Ceramic Hydroxyapatite, Type I, 20 µm, 10 g	98.00	48
156-0200	Profinity Epoxide Resin, 5 g	95.00	56	158-2200	CHT Ceramic Hydroxyapatite, Type II, 20 µm, 10 g	98.00	48
156-0201	Profinity Epoxide Resin, 25 g	451.00	56	158-4000	CHT Ceramic Hydroxyapatite, Type I, 40 µm, 10 g	98.00	48
156-0211	UNOsphere Rapid S Media, 25 ml	67.00	38	158-4200	CHT Ceramic Hydroxyapatite, Type II, 40 µm, 10 g	98.00	48
156-0213	UNOsphere Rapid S Media, 100 ml	166.00	38	158-5200	CFT Ceramic Fluoroapatite, Type II, 40 µm, 10 g	88.00	50
156-0215	UNOsphere Rapid S Media, 500 ml	771.00	38	158-8000	CHT Ceramic Hydroxyapatite, Type I, 80 µm, 10 g	98.00	48
156-0217	UNOsphere Rapid S Media, 10 L	Inquire	38	158-8200	CHT Ceramic Hydroxyapatite, Type II, 180 µm, 10 g	98.00	48
156-0218	UNOsphere SUPra Affinity Media, 25 ml	600.00	S4	161-0100	Acrylamide, 99.9%, 100 g	35.00	148
156-0219	UNOsphere SUPra Affinity Media, 100 ml	1,400.00	S4	161-0101	Acrylamide, 99.9%, 500 g	126.00	148
156-0220	UNOsphere SUPra Affinity Media, 500 ml	Inquire	S4	161-0103	Acrylamide, 99.9%, 2 kg	426.00	148
156-0221	UNOsphere SUPra Affinity Media, 5 L	Inquire	S4	161-0107	Acrylamide, 99.9%, 1 kg	224.00	148
156-0222	UNOsphere SUPra Affinity Media, 10 L	Inquire	S4	161-0108	Acrylamide, 99.9%, 5 kg	948.00	148
156-3000	Profinity eXact Cloning and Expression Starter Kit	325.00	96	161-0120	Acrylamide/Bis, 19:1, 30 g	36.00	148
156-3001	Profinity eXact RIC-Ready Expression Vector Kit	175.00	96	161-0121	Acrylamide/Bis, 29:1, 30 g	26.00	148

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161-0122	Acrylamide/Bis, 37.5:1, 30 g	26.00	148	161-0324	Kaleidoscope Prestained Standards, 500 µl	114.00	140
161-0123	Acrylamide/Bis, 19:1, 150 g	68.00	148	161-0325	Kaleidoscope Polypeptide Standards, 500 µl	114.00	140
161-0124	Acrylamide/Bis, 29:1, 150 g	68.00	148	161-0326	Polypeptide SDS-PAGE Standards, 200 µl	86.00	142
161-0125	Acrylamide/Bis, 37.5:1, 150 g	68.00	148	161-0363	Precision Plus Protein Unstained Standards, 1 ml	92.00	140
161-0140	40% Acrylamide Solution, 500 ml	41.00	148	161-0373	Precision Plus Protein All Blue Standards, 500 µl	99.00	140
161-0141	40% Acrylamide Solution, 2 x 500 ml	80.00	148	161-0374	Precision Plus Protein Dual Color Standards, 500 µl	120.00	140
161-0142	2% Bis Solution, 500 ml	44.00	148, 149	161-0375	Precision Plus Protein Kaleidoscope Standards, 500 µl	128.00	140
161-0143	2% Bis Solution, 2 x 500 ml	76.00	148, 149	161-0376	Precision Plus Protein WesternC Standards, 250 µl, 50 applications	149.00	140
161-0144	40% Acrylamide/Bis Solution, 19:1, 500 ml	57.00	148	161-0378	Precision Plus Protein Standard Plugs, 24	105.00	140
161-0145	40% Acrylamide/Bis Solution, 19:1, 2 x 500 ml	101.00	148	161-0380	Precision Protein StrepTactin-HRP Conjugate, 300 µl	79.00	140
161-0146	40% Acrylamide/Bis Solution, 29:1, 500 ml	57.00	148	161-0381	Precision Protein Streptactin-HRP, 0.125 ml	31.00	140
161-0147	40% Acrylamide/Bis Solution, 29:1, 2 x 500 ml	101.00	148	161-0382	Precision Protein StrepTactin-AP Conjugate, 300 µl	79.00	140
161-0148	40% Acrylamide/Bis Solution, 37.5:1, 500 ml	57.00	148	161-0385	Precision Plus Protein WesternC Pack, 50 applications	168.00	140
161-0149	40% Acrylamide/Bis Solution, 37.5:1, 2 x 500 ml	101.00	148	161-0400	Coomassie Brilliant Blue R-250, 10 g	19.00	163, 175
161-0154	30% Acrylamide/Bis Solution, 19:1, 500 ml	47.00	148	161-0404	Bromophenol Blue, 10 g	33.00	155
161-0155	30% Acrylamide/Bis Solution, 19:1, 2 x 500 ml	90.00	148	161-0406	Coomassie Brilliant Blue G-250, 10 g	30.00	156, 163
161-0156	30% Acrylamide/Bis Solution, 29:1, 500 ml	47.00	148	161-0407	Triton X-100 Detergent, 500 ml	32.00	156
161-0157	30% Acrylamide/Bis Solution, 29:1, 2 x 500 ml	90.00	148	161-0416	SDS Solution, 10% (w/v), 250 ml	32.00	156
161-0158	30% Acrylamide/Bis Solution, 37.5:1, 500 ml	47.00	148	161-0418	SDS Solution, 20% (w/v), 1 L	78.00	156, 173
161-0159	30% Acrylamide/Bis Solution, 37.5:1, 2 x 500 ml	90.00	148	161-0423	Xylene Cyanole FF, 25 g	70.00	155
161-0200	Bis Crosslinker, 5 g	15.00	149	161-0433	Ethidium Bromide Solution, 10 mg/ml, 10 ml	34.00	166
161-0201	Bis Crosslinker, 50 g	36.00	149	161-0435	Coomassie Brilliant Blue R-250 Staining Solutions Kit	109.00	163
161-0202	PDA Crosslinker, 10 g	99.00	149	161-0436	Coomassie Brilliant Blue R-250 Staining Solution, 1 L	46.00	163
161-0301	SDS, 100 g	31.00	156	161-0437	Coomassie Brilliant Blue R-250 Staining Solution, 4 x 1 L	178.00	163
161-0302	SDS, 1 kg	159.00	156	161-0438	Coomassie Brilliant Blue R-250 Destaining Solution, 1 L	35.00	163
161-0303	SDS-PAGE Standards, high range, 200 µl	105.00	142	161-0439	Coomassie Brilliant Blue R-250 Destaining Solution, 4 x 1 L	132.00	163
161-0304	SDS-PAGE Standards, low range, 200 µl	93.00	142	161-0440	Zinc Stain and Destain Kit	95.00	165
161-0305	Prestained SDS-PAGE Standards, low range, 500 µl	87.00	141	161-0441	Imidazole, 10x zinc stain solution A, 125 ml	41.00	166
161-0306	Biotinylated SDS-PAGE Standards, low range, 250 µl	77.00	142	161-0442	Zinc Sulfate, 10x zinc stain solution B, 125 ml	41.00	166
161-0307	Biotinylated SDS-PAGE Standards Kit, low range, avidin-HRP	124.00	142	161-0443	Silver Stain Kit	132.00	164
161-0308	Biotinylated SDS-PAGE Standards Kit, low range, avidin-AP	124.00	142	161-0444	Oxidizer Concentrate, 480 ml	52.00	164
161-0309	Prestained SDS-PAGE Standards, high range, 500 µl	95.00	141	161-0445	Silver Reagent Concentrate, 480 ml	52.00	164
161-0310	IEF Standards, 250 µl	91.00	143	161-0447	Silver Stain Developer, 4 x 115 g	62.00	164
161-0311	Biotinylated SDS-PAGE Standards, high range, 250 µl	77.00	142	161-0448	Development Accelerator Reagent, 50 g	21.00	164
161-0312	Biotinylated SDS-PAGE Standards Kit, high range, avidin-HRP	124.00	142	161-0449	Silver Stain Plus Kit	154.00	164
161-0313	Biotinylated SDS-PAGE Standards Kit, high range, avidin-AP	124.00	142	161-0450	Silver Stain Developer, 115 g	16.00	164
161-0314	Silver Stain SDS-PAGE Standards, low range, 200 µl	96.00	142	161-0460	CHAPS, 1 g	51.00	156, 181
161-0315	Silver Stain SDS-PAGE Standards, high range, 200 µl	120.00	142	161-0461	Fixative Enhancer Concentrate, 1 L	47.00	164
161-0317	SDS-PAGE Standards, broad range, 200 µl	108.00	142	161-0462	Silver Complex Solution, 100 ml	25.00	164
161-0318	Prestained SDS-PAGE Standards, broad range, 500 µl	101.00	141	161-0463	Reduction Moderator Solution, 100 ml	38.00	164
161-0319	Biotinylated SDS-PAGE Standards, broad range, 250 µl	77.00	142	161-0464	Image Development Reagent, 100 ml	48.00	164
161-0320	2-D SDS-PAGE Standards, 500 µl	192.00	144	161-0470	Copper Stain and Destain Kit	60.00	166
161-0321	Biotinylated SDS-PAGE Standards Kit, broad range, avidin-HRP	124.00	142	161-0471	10x Copper Stain, 125 ml	44.00	166
161-0322	Biotinylated SDS-PAGE Standards Kit, broad range, avidin-AP	124.00	142	161-0472	Image Developer Concentrate, 2.5 ml	66.00	164
161-0323	Prep Cell Starter Kit Protein Standard, 1 ml	49.00	239	161-0473	Sensitizer Concentrate, 700 ml	128.00	164
				161-0474	Sensitizer Concentrate, 1 L	193.00	164
				161-0475	Background Reducer Concentrate, 75 ml	17.00	164
				161-0476	Background Reducer Concentrate, 125 ml	25.00	164

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161-0477	Silver Reagent Concentrate, 140 ml	74.00	164	161-0771	10x Tris/Glycine, 5 L cube	72.00	153, 154, 194, 195
161-0478	Silver Reagent Concentrate, 200 ml	91.00	164	161-0772	10x Tris/Glycine/SDS, 5 L cube	72.00	153, 194, 195
161-0479	Development Buffer Concentrate, 700 ml	120.00	164	161-0773	50x Tris/Acetic Acid/EDTA (TAE), 5 L cube	175.00	153, 197, 256
161-0480	Dodeca Silver Stain Kit, large	477.00	164	161-0774	20x SSC, 1 L	19.00	154
161-0481	Dodeca Silver Stain Kit, small	364.00	154, 164	161-0775	20x SSC, 5 L cube	65.00	154
161-0482	Development Buffer Concentrate, 1 L	168.00	164	161-0778	10x Tris/CAPS, 1 L	58.00	154
161-0490	Flamingo Fluorescent Gel Stain, 10x, 20 ml	58.00	165	161-0780	10x Phosphate Buffered Saline (PBS), 1 L	35.00	154
161-0491	Flamingo Fluorescent Gel Stain, 10x, 100 ml	159.00	165	161-0781	10% Tween 20, 1 L	30.00	154, 156, 173
161-0492	Flamingo Fluorescent Gel Stain, 10x, 500 ml	742.00	165	161-0782	1x Tris Buffered Saline With 1% Casein, 1 L	72.00	154, 173
161-0501	Riboflavin-5'-Phosphate, 10 g	27.00	149	161-0783	1x Phosphate Buffered Saline With 1% Casein, 1 L	72.00	154, 173
161-0610	Dithiothreitol (DTT), 1 g	25.00	155	161-0786	Bio-Safe Coomassie Stain, 1 L	69.00	163
161-0611	Dithiothreitol (DTT), 5 g	67.00	16, 155	161-0787	Bio-Safe Coomassie Stain, 5 L	256.00	163
161-0620	DATD Crosslinker, 25 g	63.00	149	161-0788	XT MOPS Running Buffer, 500 ml	51.00	193
161-0700	Ammonium Persulfate (APS), 10 g	13.00	149	161-0789	XT MES Running Buffer, 500 ml	52.00	193
161-0710	2-Mercaptoethanol, 25 ml	21.00	155	161-0790	XT Tricine Running Buffer, 500 ml	51.00	193
161-0713	Tricine, 500 g	165.00	155	161-0791	XT Sample Buffer, 10 ml	12.00	152, 193
161-0716	Tris, 500 g	31.00	155	161-0792	XT Reducing Agent, 1 ml	14.00	193
161-0717	Glycine, 250 g	22.00	155	161-0793	XT MOPS Buffer Kit	71.00	193
161-0718	Glycine, 1 kg	36.00	155	161-0796	XT MES Buffer Kit	73.00	193
161-0719	Tris, 1 kg	69.00	155, 181	161-0797	XT Tricine Buffer Kit	71.00	193
161-0722	Bio-Rad Cleaning Concentrate, 50x, 1 kg	50.00	157, 223	161-0798	Resolving Gel Buffer, 1.5 M Tris-HCl, pH 8.8, 1 L	24.00	148, 152
161-0724	Glycine, 2 kg	63.00	155	161-0799	Stacking Gel Buffer, 0.5 M Tris-HCl, pH 6.8, 1 L	24.00	148, 152
161-0729	EDTA, 500 g	60.00	155	161-0800	TEMED, 5 ml	16.00	149
161-0730	Urea, 250 g	25.00	155	161-0801	TEMED, 50 ml	43.00	149
161-0731	Urea, 1 kg	64.00	155, 181	161-0992	Ready Gel Key Knife	6.00	191
161-0732	10x Tris/Glycine/SDS, 1 L	24.00	153	161-1100	Ready Gel Tris-HCl Gel, 7.5%, 10-well, 30 µl	9.50	191
161-0733	10x Tris/Boric Acid/EDTA (TBE), 1 L	30.00	153, 197, 256	161-1101	Ready Gel Tris-HCl Gel, 10%, 10-well, 30 µl	9.50	191
161-0734	10x Tris/Glycine, 1 L	24.00	153, 154	161-1102	Ready Gel Tris-HCl Gel, 12%, 10-well, 30 µl	9.50	191
161-0737	Laemmli Sample Buffer, 1x, 30 ml	13.00	152, 194, 195	161-1103	Ready Gel Tris-HCl Gel, 15%, 10-well, 30 µl	9.50	191
161-0738	Native Sample Buffer, 30 ml	13.00	152, 194	161-1104	Ready Gel Tris-HCl Gel, 4-15%, 10-well, 30 µl	9.50	191
161-0739	Tricine Sample Buffer, 30 ml	13.00	152, 194	161-1105	Ready Gel Tris-HCl Gel, 4-20%, 10-well, 30 µl	9.50	191
161-0741	10x Tris/Boric Acid/EDTA (TBE), extended range, 1 L	30.00	153, 197, 256	161-1106	Ready Gel Tris-HCl Gel, 10-20%, 10-well, 30 µl	9.50	191
161-0743	50x Tris/Acetic Acid/EDTA (TAE), 1 L	64.00	153, 197, 256	161-1107	Ready Gel Tris-Tricine Gel, 16.5%, 10-well, 30 µl	9.50	191
161-0744	10x Tris/Tricine/SDS, 1 L	67.00	153, 194	161-1108	Ready Gel Tris-Tricine Gel, 10-20%, 10-well, 30 µl	9.50	191
161-0752	Gel Drying Solution, 1 L	30.00	157, 265, 266	161-1109	Ready Gel TBE Gel, 5%, 10-well, 30 µl	9.50	191
161-0761	10x IEF Anode Buffer, 250 ml	10.00	153, 194	161-1110	Ready Gel TBE Gel, 10%, 10-well, 30 µl	9.50	191
161-0762	10x IEF Cathode Buffer, 1 L	45.00	153, 194	161-1111	Ready Gel IEF Gel, pH 3-10, 10-well, 30 µl	20.00	191
161-0763	IEF Sample Buffer, 30 ml	13.00	152, 194	161-1112	Ready Gel IEF Gel, pH 5-8, 10-well, 30 µl	20.00	191
161-0764	Zymogram Sample Buffer, 30 ml	15.00	152, 194	161-1113	Ready Gel Zymogram Gel, 10%, gelatin, 10-well, 30 µl	9.70	191
161-0765	10x Zymogram Renaturation Buffer, 125 ml	12.00	153, 194	161-1114	Ready Gel Zymogram Gel, 12%, casein, 10-well, 30 µl	9.70	191
161-0766	10x Zymogram Development Buffer, 125 ml	13.00	153, 194	161-1115	Ready Gel TBE-Urea Gel, 5%, 10-well, 30 µl	9.70	191
161-0767	Nucleic Acid Sample Buffer, 5x, 30 ml	18.00	152, 194	161-1116	Ready Gel TBE-Urea Gel, 10%, 10-well, 30 µl	9.70	191
161-0768	TBE/Urea Sample Buffer, 30 ml	21.00	152, 194	161-1117	Ready Gel TBE-Urea Gel, 15%, 10-well, 30 µl	9.70	191
161-0770	10x Tris/Boric Acid/EDTA (TBE), 5 L cube	82.00	153, 194, 197, 256	161-1118	Ready Gel Tris-HCl Gel, 7.5%, 15-well, 15 µl	9.50	191
				161-1119	Ready Gel Tris-HCl Gel, 10%, 15-well, 15 µl	9.50	191
				161-1120	Ready Gel Tris-HCl Gel, 12%, 15-well, 15 µl	9.50	191

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161-1121	Ready Gel Tris-HCl Gel, 15%, 15-well, 15 µl	9.50	191	161-1210	Ready Gel Tris-HCl Gel, 5%, 10-well, 30 µl	9.50	191
161-1122	Ready Gel Tris-HCl Gel, 4–15%, 15-well, 15 µl	9.50	191	161-1211	Ready Gel Tris-HCl Gel, 5%, 15-well, 15 µl	9.50	191
161-1123	Ready Gel Tris-HCl Gel, 4–20%, 15-well, 15 µl	9.50	191	161-1213	Ready Gel Tris-HCl Gel, 5%, 10-well, 50 µl	9.50	191
161-1124	Ready Gel Tris-HCl Gel, 10–20%, 15-well, 15 µl	9.50	191	161-1214	Ready Gel Tris-HCl Gel, 5%, 12-well, 20 µl	9.50	191
161-1125	Ready Gel Tris-Tricine Gel, 16.5%, 15-well, 15 µl	9.50	191	161-1216	Ready Gel Tris-HCl Gel, 18%, 10-well, 30 µl	9.50	191
161-1126	Ready Gel Tris-Tricine Gel, 10–20%, 15-well, 15 µl	9.50	191	161-1217	Ready Gel Tris-HCl Gel, 18%, 15-well, 15 µl	9.50	191
161-1127	Ready Gel TBE Gel, 5%, 15-well, 15 µl	9.50	191	161-1219	Ready Gel Tris-HCl Gel, 18%, 10-well, 50 µl	9.50	191
161-1128	Ready Gel TBE Gel, 10%, 15-well, 15 µl	9.50	191	161-1220	Ready Gel Tris-HCl Gel, 18%, 12-well, 20 µl	9.50	191
161-1129	Ready Gel IEF Gel, pH 3–10, 15-well, 15 µl	20.00	191	161-1222	Ready Gel Tris-HCl Gel, 8–16%, 10-well, 30 µl	9.50	191
161-1131	Ready Gel Zymogram Gel, 10%, gelatin, 15-well, 15 µl	9.70	191	161-1223	Ready Gel Tris-HCl Gel, 8–16%, 15-well, 15 µl	9.50	191
161-1133	Ready Gel TBE-Urea Gel, 5%, 15-well, 15 µl	9.70	191	161-1225	Ready Gel Tris-HCl Gel, 8–16%, 10-well, 50 µl	9.50	191
161-1134	Ready Gel TBE-Urea Gel, 10%, 15-well, 15 µl	9.70	191	161-1226	Ready Gel Tris-HCl Gel, 8–16%, 12-well, 20 µl	9.50	191
161-1135	Ready Gel TBE-Urea Gel, 15%, 15-well, 15 µl	9.70	191	161-1228	Ready Gel TBE Gel, 15%, 10-well, 30 µl	9.50	191
161-1136	Ready Gel Tris-HCl Gel, 7.5%, prep+1 well, 450 µl	9.50	191	161-1229	Ready Gel TBE Gel, 15%, 15-well, 15 µl	9.50	191
161-1137	Ready Gel Tris-HCl Gel, 10%, prep+1 well, 450 µl	9.50	191	161-1232	Ready Gel TBE Gel, 15%, 12-well, 20 µl	9.50	191
161-1138	Ready Gel Tris-HCl Gel, 12%, prep+1 well, 450 µl	9.50	191	161-1234	Ready Gel TBE Gel, 4–20%, 10-well, 30 µl	9.50	191
161-1139	Ready Gel Tris-HCl Gel, 15%, prep+1 well, 450 µl	9.50	191	161-1235	Ready Gel TBE Gel, 4–20%, 15-well, 15 µl	9.50	191
161-1140	Ready Gel Tris-HCl Gel, 4–15%, prep+1 well, 450 µl	9.50	191	161-1237	Ready Gel TBE Gel, 4–20%, 10-well, 50 µl	9.50	191
161-1141	Ready Gel Tris-HCl Gel, 4–20%, prep+1 well, 450 µl	9.50	191	161-1390	Ready Gel Tris-HCl Gel, 10%, 7 cm IPG well	9.50	191
161-1142	Ready Gel Tris-HCl Gel, 10–20%, prep+1 well, 450 µl	9.50	191	161-1391	Ready Gel Tris-HCl Gel, 12%, 7 cm IPG well	9.50	191
161-1154	Ready Gel Tris-HCl Gel, 7.5%, 10-well, 50 µl	9.50	191	161-1392	Ready Gel Tris-HCl Gel, 4–15%, 7 cm IPG well	9.50	191
161-1155	Ready Gel Tris-HCl Gel, 10%, 10-well, 50 µl	9.50	191	161-1393	Ready Gel Tris-HCl Gel, 4–20%, 7 cm IPG well	9.50	191
161-1156	Ready Gel Tris-HCl Gel, 12%, 10-well, 50 µl	9.50	191	161-1394	Ready Gel Tris-HCl Gel, 8–16%, 7 cm IPG well	9.50	191
161-1157	Ready Gel Tris-HCl Gel, 15%, 10-well, 50 µl	9.50	191	161-1395	Ready Gel Tris-HCl Gel, 10–20%, 7 cm IPG well	9.50	191
161-1158	Ready Gel Tris-HCl Gel, 4–15%, 10-well, 50 µl	9.50	191	161-1450	PROTEAN II XL Ready Gel Tris-HCl Gel, 10%, 17 cm IPG well	34.00	195
161-1159	Ready Gel Tris-HCl Gel, 4–20%, 10-well, 50 µl	9.50	191	161-1451	PROTEAN II XL Ready Gel Tris-HCl Gel, 12%, 17 cm IPG well	34.00	195
161-1160	Ready Gel Tris-HCl Gel, 10–20%, 10-well, 50 µl	9.50	191	161-1452	PROTEAN II XL Ready Gel Tris-HCl Gel, 10–20%, 17 cm IPG well	34.00	195
161-1161	Ready Gel Tris-Tricine Gel, 16.5%, 10-well, 50 µl	9.50	191	161-1453	PROTEAN II XL Ready Gel Tris-HCl Gel, 8–16%, 17 cm IPG well	34.00	195
161-1162	Ready Gel Tris-Tricine Gel, 10–20%, 10-well, 50 µl	9.50	191	161-1454	PROTEAN II xi Ready Gel Tris-HCl Gel, 10%, 15-well	34.00	195
161-1163	Ready Gel TBE Gel, 5%, 10-well, 50 µl	9.50	191	161-1455	PROTEAN II xi Ready Gel Tris-HCl Gel, 12%, 15-well	34.00	195
161-1164	Ready Gel TBE Gel, 10%, 10-well, 50 µl	9.50	191	161-1456	PROTEAN II xi Ready Gel Tris-HCl Gel, 10–20%, 15-well	34.00	195
161-1165	Ready Gel IEF Gel, pH 3–10, 10-well, 50 µl	20.00	191	161-1457	PROTEAN II xi Ready Gel Tris-HCl Gel, 8–16%, 15-well	34.00	195
161-1167	Ready Gel Zymogram Gel, 10%, gelatin, 10-well, 50 µl	9.70	191	161-1458	PROTEAN II xi Ready Gel Tris-HCl Gel, 10%, 20-well	34.00	195
161-1168	Ready Gel Zymogram Gel, 12%, casein, 10-well, 50 µl	9.70	191	161-1459	PROTEAN II xi Ready Gel Tris-HCl Gel, 12%, 20-well	34.00	195
161-1172	Ready Gel Tris-HCl Gel, 7.5%, 12-well, 20 µl	9.50	191	161-1460	PROTEAN II xi Ready Gel Tris-HCl Gel, 10–20%, 20-well	34.00	195
161-1173	Ready Gel Tris-HCl Gel, 10%, 12-well, 20 µl	9.50	191	161-1461	PROTEAN II xi Ready Gel Tris-HCl Gel, 8–16%, 20-well	34.00	195
161-1174	Ready Gel Tris-HCl Gel, 12%, 12-well, 20 µl	9.50	191	161-3000	Ready Agarose Instruction Manual	2.50	197
161-1175	Ready Gel Tris-HCl Gel, 15%, 12-well, 20 µl	9.50	191	161-3004	Mini Ready Agarose Gel, TBE, 1.0% + EtBr, 8-well	8.50	197
161-1176	Ready Gel Tris-HCl Gel, 4–15%, 12-well, 20 µl	9.50	191	161-3006	Mini Ready Agarose Gel, TBE, 3.0% + EtBr, 8-well	9.75	197
161-1177	Ready Gel Tris-HCl Gel, 4–20%, 12-well, 20 µl	9.50	191	161-3010	Mini Ready Agarose Gel, TBE, 1.0% + EtBr, 12-well	8.50	197
161-1178	Ready Gel Tris-HCl Gel, 10–20%, 12-well, 20 µl	9.50	191	161-3012	Mini Ready Agarose Gel, TBE, 3.0% + EtBr, 12-well	9.75	197
161-1179	Ready Gel Tris-Tricine Gel, 16.5%, 12-well, 20 µl	9.50	191	161-3015	Mini Ready Agarose Gel, TAE, 1.0%, 8-well	8.50	197
161-1180	Ready Gel Tris-Tricine Gel, 10–20%, 12-well, 20 µl	9.50	191	161-3016	Mini Ready Agarose Gel, TAE, 1.0% + EtBr, 8-well	8.50	197
161-1181	Ready Gel TBE Gel, 5%, 12-well, 20 µl	9.50	191	161-3017	Mini Ready Agarose Gel, TAE, 3.0%, 8-well	9.75	197
161-1182	Ready Gel TBE Gel, 10%, 12-well, 20 µl	9.50	191	161-3018	Mini Ready Agarose Gel, TAE, 3.0% + EtBr, 8-well	9.75	197
161-1185	Ready Gel Zymogram Gel, 10%, gelatin, 12-well, 20 µl	9.70	191	161-3022	Mini Ready Agarose Gel, TAE, 1.0% + EtBr, 12-well	8.50	197
161-1189	Ready Gel TBE-Urea Gel, 15%, 12-well, 20 µl	9.70	191				
161-1191	Ready Gel Tris-HCl Gel, 10%, 9-well, 30 µl	9.50	191				
161-1194	Ready Gel Tris-HCl Gel, 4–15%, 9-well, 30 µl	9.50	191				

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161-3024	Mini ReadyAgarose Gel, TAE, 3.0% + EtBr, 12-well	9.75	197	162-0094	Supp. Nitrocellulose Membrane, 0.45 µm, 30 cm x 3 m roll	261.00	159
161-3028	Wide Mini ReadyAgarose Gel, TBE, 1.0% + EtBr, 20-well	12.00	197	162-0095	Supp. Nitrocellulose Membranes, 0.2 µm, 7 x 8.4 cm, 10	54.00	159
161-3030	Wide Mini ReadyAgarose Gel, TBE, 3.0% + EtBr, 20-well	15.50	197	162-0096	Supp. Nitrocellulose Membranes, 0.2 µm, 15 x 15 cm, 10	105.00	159
161-3034	Wide Mini ReadyAgarose Gel, TBE, 1.0% + EtBr, 32-well	12.00	197	162-0097	Supp. Nitrocellulose Membrane, 0.2 µm, 30 cm x 3 m roll	271.00	159
161-3036	Wide Mini ReadyAgarose Gel, TBE, 3.0% + EtBr, 32-well	15.50	197	162-0100	Standard Low -m _r Agarose, 100 g	121.00	151
161-3038	Wide Mini ReadyAgarose Gel, TBE, 1.0% + EtBr, 2 x 32-well	12.00	197	162-0102	Standard Low -m _r Agarose, 500 g	459.00	151
161-3040	Wide Mini ReadyAgarose Gel, TBE, 3.0% + EtBr, 2 x 32-well	15.50	197	162-0112	Nitrocellulose Membrane, 0.2 µm, 30 cm x 3.5 m roll	275.00	159
161-3044	Wide Mini ReadyAgarose Gel, TAE, 1.0% + EtBr, 20-well	12.00	197	162-0113	Nitrocellulose Membranes, 0.45 µm, 20 x 20 cm, 5	96.00	158
161-3046	Wide Mini ReadyAgarose Gel, TAE, 3.0% + EtBr, 20-well	15.50	197	162-0114	Nitrocellulose Membranes, 0.45 µm, 15 x 9.2 cm, 10	83.00	158
161-3050	Wide Mini ReadyAgarose Gel, TAE, 1.0% + EtBr, 32-well	12.00	197	162-0115	Nitrocellulose Membrane, 0.45 µm, 30 cm x 3.5 m roll	219.00	158
161-3052	Wide Mini ReadyAgarose Gel, TAE, 3.0% + EtBr, 32-well	15.50	197	162-0116	Nitrocellulose Membranes, 0.45 µm, 15 x 15 cm, 10	107.00	158
161-3054	Wide Mini ReadyAgarose Gel, TAE, 1.0% + EtBr, 2 x 32-well	12.00	197	162-0117	Nitrocellulose Membranes, 0.45 µm, 9 x 12 cm, 10	81.00	158
161-3056	Wide Mini ReadyAgarose Gel, TAE, 3.0% + EtBr, 2 x 32-well	15.50	197	162-0118	Thin Blot Paper, 33 cm x 3 m roll	35.00	161
161-3057	Mini ReadyAgarose Gel, TAE, 1.0%, 2 x 8-well	8.50	197	162-0137	Pulsed Field Certified Agarose, 100 g	172.00	151, 256
161-3060	ReadyAgarose 96 Plus Gel, TBE, 1% + EtBr, 4 x 26-well	12.00	197	162-0138	Pulsed Field Certified Agarose, 500 g	758.00	151, 256
161-3062	ReadyAgarose 96 Plus Gel, TBE, 3% + EtBr, 4 x 26-well	15.50	197	162-0145	Nitrocellulose Membranes, 0.45 µm, 7 x 8.4 cm, 10	54.00	158
161-3063	ReadyAgarose 96 Plus Gel, TAE, 1% + EtBr, 4 x 26-well	12.00	197	162-0146	Nitrocellulose Membranes, 0.2 µm, 7 x 8.4 cm, 10	59.00	159
161-3065	ReadyAgarose 96 Plus Gel, TAE, 3% + EtBr, 4 x 26-well	15.50	197	162-0147	Nitrocellulose Membranes, 0.2 µm, 13.5 x 16.5 cm, 10	162.00	159
161-3100	Certified Molecular Biology Agarose, 25 g	49.00	151, 256	162-0148	Nitrocellulose Membranes, 0.45 µm, 11.5 x 16 cm, 10	99.00	158
161-3101	Certified Molecular Biology Agarose, 125 g	138.00	151, 256	162-0150	Nitrocellulose Membranes, 0.2 µm, 20 x 20 cm, 5	134.00	159
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161-3105	Certified PCR Agarose, 500 g	1,108.00	151	162-0156	Zeta-Probe Membranes, 15 x 20 cm, 15	216.00	161
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161-5101	Prep Cell Starter Kit	151.00	239	162-0176	Immun-Blot PVDF Membranes, 20 x 20 cm, 10	197.00	160
162-0001	High -m _r Agarose, 50 g	128.00	151	162-0177	Immun-Blot PVDF Membrane, 26 cm x 3.3 m roll	262.00	160
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162-0071	Supp. Nitrocellulose Membranes, 0.2 µm, 8.5 x 13.5 cm, 10	84.00	159	162-0182	Sequi-Blot PVDF Membranes, 20 x 20 cm, 10	203.00	160
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162-0091	Supp. Nitrocellulose Membranes, 0.45 µm, 10 x 15 cm, 10	64.00	159	162-0186	Sequi-Blot PVDF Membranes, 7 x 8.4 cm, 10	83.00	160
162-0092	Supp. Nitrocellulose Membranes, 0.45 µm, 1 5 x 15 cm, 10	105.00	159	162-0190	Zeta-Probe GT Membranes, 9 x 12 cm, 15	144.00	161
162-0093	Supp. Nitrocellulose Membranes, 0.45 µm, 20 x 20 cm, 10	173.00	159	162-0191	Zeta-Probe GT Membranes, 10 x 15 cm, 15	173.00	161
				162-0192	Zeta-Probe GT Membranes, 15 x 15 cm, 15	233.00	161
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162-0197	Zeta-Probe GT Membrane, 20 cm x 3.3 m roll	298.00	161	163-2011	ReadyStrip IPG Strips, pH 5–8, 17 cm, 12	90.00	179
162-0206	Zeta-Probe Membranes, 7 x 10 cm, 15	114.00	161	163-2012	ReadyStrip IPG Strips, pH 7–10, 17 cm, 12	90.00	179
162-0208	Zeta-Probe GT Membranes, 7 x 10 cm, 15	139.00	161	163-2014	ReadyStrip IPG Strips, pH 3–10, 11 cm, 12	79.00	179
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162-0235	Nitrocellulose Sandwiches, 0.45 µm, 8.5 x 13.5 cm, 50	387.00	158	163-2026	ReadyStrip IPG Strips, pH 5.5–6.7, 11 cm, 12	79.00	179
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163-1153	Bio-Lyte 5/7 Ampholyte, 40%, 25 ml	265.00	156	163-2043	ReadyStrip IPG Strips, pH 3–10 nonlinear, 24 cm, 12	107.00	179
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163-2000	ReadyStrip IPG Strips, pH 3–10, 7 cm, 12	67.00	179	163-2050	ReadyStrip IPG Strips, pH 5.5–6.7, 24 cm, 12	107.00	179
163-2001	ReadyStrip IPG Strips, pH 4–7, 7 cm, 12	67.00	179	163-2051	ReadyStrip IPG Strips, pH 6.3–8.3, 24 cm, 12	107.00	179
163-2002	ReadyStrip IPG Strips, pH 3–10 nonlinear, 7 cm, 12	67.00	179	163-2083	ReadyPrep 2-D Rehydration/Sample Buffer 1	28.00	16
163-2003	ReadyStrip IPG Strips, pH 3–6, 7 cm, 12	67.00	179	163-2084	ReadyPrep Protein Extraction Kit (Membrane II)	192.00	18
163-2004	ReadyStrip IPG Strips, pH 5–8, 7 cm, 12	67.00	179	163-2085	ReadyPrep Protein Extraction Kit (Soluble/Insoluble)	168.00	18
163-2005	ReadyStrip IPG Strips, pH 7–10, 7 cm, 12	67.00	179	163-2086	ReadyPrep Protein Extraction Kit (Total Protein)	128.00	16
163-2007	ReadyStrip IPG Strips, pH 3–10, 17 cm, 12	90.00	179	163-2087	ReadyPrep Protein Extraction Kit (Signal)	163.00	18
163-2008	ReadyStrip IPG Strips, pH 4–7, 17 cm, 12	90.00	179	163-2088	ReadyPrep Protein Extraction Kit (Membrane I)	323.00	18
				163-2089	ReadyPrep Protein Extraction Kit (Cytoplasmic/Nuclear)	323.00	18

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163-2090	ReadyPrep Reduction-Alkylation Kit	140.00	16	164-0306	Sub-Cell Model 192 Cell and PowerPac Basic Power Supply	1,113.00	249
163-2091	ReadyPrep Proteomics Grade Water, 500 ml	32.00	16, 148, 181	164-5050	PowerPac Basic Power Supply	442.00	202
163-2092	PROTEAN Plus Overlay Agarose, 125 ml	55.00	181	164-5052	PowerPac HC Power Supply	882.00	202
163-2093	ReadyStrip 100x pH 7–10 Buffer	33.00	179	164-5056	PowerPac HV Power Supply	2,058.00	204
163-2094	Bio-Lyte 3/10 Ampholyte, 100x, 1 ml	33.00	179	164-5059	PowerPac HV Power Supply With Temperature Probe	2,185.00	204
163-2095	ReadyStrip 100x pH 6.3–8.3 Buffer	33.00	179	164-5062	PowerPac Adaptor, 2 mm	44.00	204
163-2096	ReadyStrip 100x pH 5.5–6.7 Buffer	33.00	179	164-5064	PowerPac Adaptor, 4 mm	44.00	204
163-2097	ReadyStrip 100x pH 4.7–5.9 Buffer	33.00	179	164-5069	PowerPac Universal IQ/OQ Protocol Binder and Test Box	1,949.00	203
163-2098	ReadyStrip 100x pH 3.9–5.1 Buffer	33.00	179	164-5070	PowerPac Universal Power Supply	2,109.00	203
163-2099	ReadyStrip Instruction Manual	2.00	179	164-5097	PowerPac Data Transfer Software	224.00	203, 204
163-2100	ReadyPrep Sequential Extraction Kit	158.00	18	164-5098	PowerPac HV IQ/OQ Protocol Binder and Test Box	1,854.00	204
163-2101	Tributylphosphine (TBP), 200 mM, 0.6 ml	34.00	16, 155	164-5099	PowerPac HV IQ/OQ Protocol Binder	973.00	204
163-2102	ReadyPrep Sequential Extraction Kit Reagent 1	24.00	16, 18	165-0921	Thick Blot Paper, 18 x 34 cm, 25 sheets	50.00	161, 265
163-2103	ReadyPrep Sequential Extraction Kit Reagent 2	29.00	16, 18	165-0922	Cellophane Membrane Backing, 18 x 34 cm, 50 sheets	31.00	265
163-2104	ReadyPrep Sequential Extraction Kit Reagent 3	29.00	16, 18	165-0959	Sequencing Gel Filter Paper, 35 x 45 cm, 25 sheets	91.00	265
163-2105	ReadyPrep 2-D Starter Kit	158.00	16, 180	165-0962	Filter Paper Backing, 35 x 45 cm, 25 sheets	85.00	161, 265
163-2106	ReadyPrep 2-D Starter Kit Rehydration/Sample Buffer	24.00	16, 181	165-0963	Cellophane Membrane Backing, 35 x 45 cm, 50 sheets	61.00	265
163-2107	ReadyPrep 2-D Starter Kit Equilibration Buffer I, with DTT	24.00	181	165-1250	Whole Gel Eluter	2,406.00	240
163-2108	ReadyPrep 2-D Starter Kit Equilibration Buffer II, no DTT	30.00	181	165-1251	Whole Gel Eluter With Harvesting Box	2,752.00	240
163-2109	Iodoacetamide, 30 g	107.00	16, 155	165-1255	Mini Whole Gel Eluter	1,202.00	241
163-2110	<i>E. coli</i> Protein Sample, lyophilized, 2.7 mg	44.00	180, 181	165-1256	Mini Whole Gel Eluter With Harvesting Box	1,491.00	241
163-2111	ReadyPrep Overlay Agarose, 50 ml	18.00	181	165-1260	Harvesting Box, for whole gel eluter	479.00	240
163-2129	Mineral Oil, 500 ml	22.00	177	165-1261	Mini Harvesting Box, for mini whole gel eluter	383.00	241
163-2130	ReadyPrep 2-D Cleanup Kit, 50 reaction size	223.00	16	165-1270	Whole Gel Eluter Template	40.00	240
163-2141	MicroRotor Cell Lysis Kit (Mammal), 15 preps	220.00	14	165-1271	Mini Whole Gel Eluter Template	26.00	241
163-2142	MicroRotor Cell Lysis Kit (Plant), 10 preps	283.00	14	165-1275	Cellophane, for whole gel eluter, 25 sheets	28.00	240
163-2143	MicroRotor Cell Lysis Kit (Yeast), 15 preps	241.00	14	165-1276	Cellophane, for mini whole gel eluter, 25 sheets	25.00	241
163-2144	MicroRotor Cell Lysis Kit (Bacteria), 15 preps	241.00	14	165-1277	Sealing Tabs, for whole gel eluter, 50	23.00	240
163-2145	Protein Solubilization Buffer, makes 50 ml solution	99.00	14	165-1278	Sealing Tabs, for mini whole gel eluter, 50	22.00	241
163-2146	ReadyPrep Mini Grinders, 20	99.00	14	165-1279	Roller	22.00	227
163-3003	ProteoMiner Sequential Elution Reagents, 10 preps	160.00	13, S2	165-1280	Lower Chamber Filter Paper, whole gel eluter, 75 sheets	65.00	240
163-3005	ProteoMiner Dry Bulk Beads, 0.525 mg	Inquire	S2	165-1281	Upper Chamber Filter Paper, whole gel eluter, 50 sheets	37.00	240
163-3006	ProteoMiner Protein Enrichment Small-Capacity Kit	Inquire	S2	165-1282	Lower Chamber Filter Paper, mini whole gel eluter, 50 sheets	30.00	241
163-3007	ProteoMiner Protein Enrichment Large-Capacity Kit	Inquire	S2	165-1283	Upper Chamber Filter Paper, mini whole gel eluter, 50 sheets	30.00	241
163-3008	ProteoMiner Protein Enrichment Introductory Small-Capacity Kit	Inquire	S2	165-1745	Model 583 Gel Dryer, 100/120 V	1,762.00	264
163-3009	ProteoMiner Protein Enrichment Introductory Large-Capacity Kit	Inquire	S2	165-1746	Model 583 Gel Dryer, 220/240 V	1,762.00	264
163-3010	ProteoMiner Sequential Elution Small-Capacity Kit	Inquire	S2	165-1747	Model 583 Gel Dryer Porous Gel Support	129.00	265
163-3011	ProteoMiner Sequential Elution Large-Capacity Kit	Inquire	S2	165-1748	Model 583 Gel Dryer Transparent Sealing Gasket	123.00	265
164-0300	Mini-Sub Cell GT Cell and PowerPac Basic Power Supply	727.00	244	165-1771	GeAir Drying System 115 V, 60 Hz	1,342.00	266
164-0301	Wide Mini-Sub Cell GT Cell and PowerPac Basic Power Supply	811.00	245	165-1772	GeAir Drying System 230 V, 50 Hz	1,196.00	266
164-0302	Sub-Cell GT Cell and PowerPac Basic Power Supply	936.00	246	165-1775	GeAir Drying Frames, 2	147.00	266
164-0303	Mini ReadySub-Cell GT Cell and PowerPac Basic Power Supply	655.00	244	165-1776	GeAir Assembly Table	101.00	266
164-0304	Wide Mini ReadySub-Cell GT Cell and PowerPac Basic Power Supply	750.00	245	165-1777	GeAir Dryer, gel drying oven only, 115 V, 60 Hz	1,069.00	266
164-0305	Sub-Cell Model 96 Cell and PowerPac Basic Power Supply	1,073.00	248	165-1778	GeAir Dryer, gel drying oven only, 230 V, 50 Hz	949.00	266
				165-1779	GeAir Cellophane Support, 50 precut sheets	48.00	266
				165-1780	GeAir Drying Frame Clamps, 8	51.00	266

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165-1781	HydroTech Vacuum Pump, 100/120 V	3,001.00	265	165-1848	PROTEAN II xi Spacers, 20 cm x 1.0 mm, 4	68.00	215
165-1782	HydroTech Vacuum Pump, 220/240 V	3,001.00	265	165-1849	PROTEAN II xi Spacers, 20 cm x 1.5 mm, 4	68.00	215
165-1783	Quick Disconnect Fitting, fits 1/4" ID tubing	36.00	265	165-1850	PROTEAN II xi Spacers, 20 cm x 3.0 mm, 4	68.00	215
165-1784	Quick Disconnect Fitting, fits 3/8" ID tubing	36.00	265	165-1859	PROTEAN II Comb Conversion Screws	30.00	183
165-1785	Vacuum Tubing, for HydroTech pump, 2 m	85.00	265	165-1861	PROTEAN II xi Comb, 25-well, 0.75 mm	49.00	215
165-1786	Drain Tubing, 2 m	63.00	265	165-1862	PROTEAN II xi Comb, 25-well, 1.0 mm	49.00	215
165-1787	3-Way Stopcock	57.00	265	165-1863	PROTEAN II xi Comb, 25-well, 1.5 mm	49.00	215
165-1788	HydroTech Vacuum Gauge	292.00	265	165-1865	PROTEAN II xi Comb, 20-well, 0.5 mm	49.00	215
165-1789	HydroTech Gel Drying System, 100/120 V	4,184.00	264	165-1866	PROTEAN II xi Comb, 20-well, 0.75 mm	49.00	215
165-1790	HydroTech Gel Drying System, 220/240 V	4,112.00	264	165-1867	PROTEAN II xi Comb, 20-well, 1.0 mm	49.00	215
165-1791	Anti-Foam Agent, 100 ml	36.00	265	165-1868	PROTEAN II xi Comb, 20-well, 1.5 mm	49.00	215
165-1796	Double-Up Gel Dryer Rack	809.00	265	165-1869	PROTEAN II xi Comb, 20-well, 3.0 mm	49.00	215
165-1797	Double-Up Gel Dryer System, 100/120 V	6,448.00	265	165-1870	PROTEAN II xi Comb, 15-well, 0.5 mm	49.00	215
165-1798	Double-Up Gel Dryer System, 220/240 V	6,215.00	265	165-1871	PROTEAN II xi Comb, 15-well, 0.75 mm	49.00	215
165-1801	PROTEAN II xi Cell, 16 cm (no spacers or combs)	1,150.00	214	165-1872	PROTEAN II xi Comb, 15-well, 1.0 mm	49.00	215
165-1802	PROTEAN II xi Cell, 16 cm, 1.5 mm spacers, 15-well	1,221.00	214	165-1873	PROTEAN II xi Comb, 15-well, 1.5 mm	49.00	215
165-1803	PROTEAN II xi Cell, 16 cm, 1.0 mm spacers, 15-well	1,221.00	214	165-1874	PROTEAN II xi Comb, 15-well, 3.0 mm	49.00	215
165-1804	PROTEAN II xi Cell, 16 cm, 0.75 mm spacers, 15-well	1,221.00	214	165-1875	PROTEAN II xi Comb, 10-well, 0.5 mm	49.00	215
165-1806	Central Cooling Core	684.00	215	165-1876	PROTEAN II xi Comb, 10-well, 0.75 mm	49.00	215
165-1807	Buffer Tank	375.00	215	165-1877	PROTEAN II xi Comb, 10-well, 1.0 mm	49.00	215
165-1808	Cell Lid, with power cables	164.00	215	165-1878	PROTEAN II xi Comb, 10-well, 1.5 mm	49.00	215
165-1811	PROTEAN II xi Cell, 20 cm (no spacers or combs)	1,200.00	214	165-1879	PROTEAN II xi Comb, 10-well, 3.0 mm	49.00	215
165-1812	PROTEAN II xi Cell, 20 cm, 1.5 mm spacers, 15-well	1,228.00	214	165-1882	PROTEAN II xi Comb, 5-well, 1.0 mm	49.00	215
165-1813	PROTEAN II xi Cell, 20 cm, 1.0 mm spacers, 15-well	1,228.00	214	165-1883	PROTEAN II xi Comb, 5-well, 1.5 mm	49.00	215
165-1814	PROTEAN II xi Cell, 20 cm, 0.75 mm spacers, 15-well	1,228.00	214	165-1884	PROTEAN II xi Comb, 5-well, 3.0 mm	49.00	215
165-1821	PROTEAN II xi Inner Plates, 16 cm, 16 x 20 cm, 2	31.00	215	165-1888	PROTEAN II xi Comb, 3-well, 1.5 mm	49.00	215
165-1822	PROTEAN II xi Outer Plates, 16 cm, 18.3 x 20 cm, 2	31.00	215	165-1891	PROTEAN II xi Comb, blank, 0.75 mm	49.00	215
165-1823	PROTEAN II xi/XL Inner Plates, 20 cm, 20 x 20 cm, 2	31.00	215	165-1892	PROTEAN II xi Comb, blank, 1.0 mm	49.00	215
165-1824	PROTEAN II xi/XL Outer Plates, 20 cm, 22.3 x 20 cm, 2	31.00	215	165-1893	PROTEAN II xi Comb, blank, 1.5 mm	49.00	215
165-1825	PROTEAN II xi Frosted Inner Plates, 16 x 20 cm, 2	76.00	215	165-1894	PROTEAN II xi Comb, blank, 3.0 mm	49.00	215
165-1826	PROTEAN II xi Frosted Inner Plates, 20 x 20 cm, 2	99.00	215	165-1897	PROTEAN II xi Comb, 2-D, 1.0 mm	49.00	215
165-1827	Beveled Inner Plates, for PROTEAN II xi cell, 16 x 20 cm, 2	76.00	183	165-1898	PROTEAN II xi Comb, 2-D, 1.5 mm	49.00	215
165-1828	Beveled Inner Plates, for PROTEAN II xi cell, 20 x 20 cm, 2	76.00	183	165-1899	PROTEAN II xi Comb, 2-D, 3.0 mm	49.00	215
165-1832	PROTEAN II xi Notched Inner Plate, 16 x 20 cm	82.00	215	165-1901	PROTEAN II xi Sandwich Clamps, 16 cm set	93.00	215
165-1833	PROTEAN II xi Notched Inner Plate, 20 x 20 cm	76.00	215	165-1902	PROTEAN II xi Sandwich Clamps, 20 cm set	93.00	215
165-1834	PROTEAN II xi Basic Unit With Casting Stand	1,000.00	214	165-1909	PROTEAN II Upper Buffer Dam	68.00	215
165-1835	PROTEAN II XL Sandwich Clamps, 20 cm set	99.00	215	165-1911	PROTEAN II xi/XL Slab Gel Casting Stand	153.00	215
165-1836	PROTEAN II XL IPG Spacers, 20 cm, 1.0 mm	76.00	216	165-1912	PROTEAN II xi/XL Replacement Casting Stand Gaskets, 2	33.00	215
165-1837	PROTEAN II XL IPG Spacers, 20 cm, 2.0 mm	76.00	216	165-1913	PROTEAN II xi Replacement Central Cooling Core Gaskets, 2	44.00	215
165-1838	PROTEAN II XL IPG Comb, 1.0 mm	54.00	216	165-1931	PROTEAN II xi 2-D Cell, 1.0 mm, 16 cm	1,692.00	183
165-1839	PROTEAN II XL IPG Comb, 2.0 mm	54.00	216	165-1932	PROTEAN II xi 2-D Cell, 1.5 mm, 16 cm	1,692.00	183
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165-1843	PROTEAN II xi Spacers, 16 cm x 1.0 mm, 4	68.00	215	165-1943	Tube Gel Loading Needles, for PROTEAN II 2-D cell	61.00	183
165-1844	PROTEAN II xi Spacers, 16 cm x 1.5 mm, 4	68.00	215	165-1944	Tube Gel Extrusion Needles, for PROTEAN II 2-D cell	65.00	183
165-1845	PROTEAN II xi Spacers, 16 cm x 3.0 mm, 4	68.00	215	165-1947	PROTEAN II Replacement Tube Gel Adaptor Gaskets, 2	44.00	183
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165-1958	PROTEAN II Multi-Gel Casting Chamber Separation Sheets, 15	84.00	217	165-2328	900 psi Rupture Disks, 100	109.00	371
165-1984	Grommets and Stoppers, for 4–5 mm OD tubes, 12 each	80.00	184	165-2329	1,100 psi Rupture Disks, 100	109.00	371
165-1985	Grommets and Stoppers, for 6–7.5 mm OD tubes, 12 each	80.00	184	165-2330	1,350 psi Rupture Disks, 100	109.00	371
165-1988	Grommets and Stoppers, for Model 422 electro-eluter, 8	77.00	241	165-2331	1,550 psi Rupture Disks, 100	109.00	371
165-1991	PROTEAN II xi Plate Washer System	364.00	223	165-2332	1,800 psi Rupture Disks, 100	109.00	371
165-1992	PROTEAN II xi Plate Holder	97.00	223	165-2333	2,000 psi Rupture Disks, 100	109.00	371
165-2005	Exponential Piston, for Model 395/495 gradient former	252.00	220	165-2334	2,200 psi Rupture Disks, 100	109.00	371
165-2006	Exponential Piston, for Model 385/485 gradient former	171.00	210	165-2335	Macrocarriers, 500	465.00	371
165-2007	Gradient Pouring Needles, 2	57.00	210	165-2336	Stopping Screens, 500	290.00	371
165-2008	Tubing Connection Kit	38.00	210, 220	165-2412	Helium Hose Assembly, for Helios gene gun	724.00	369
165-2010	Model 556 Gel Destainer	494.00	224	165-2413	Helium Regulator, for Helios gene gun	2,179.00	369
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165-2012	Tube Gel Tray	171.00	224	165-2416	O-Rings, for Helios gene gun, 5	10.00	369
165-2013	Charcoal Sponges, 2	84.00	224	165-2417	Barrel Liner, for Helios gene gun, 5	108.00	369
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165-2024	PROTEAN II XL Multi-Gel Casting Chamber	606.00	217	165-2420	Tubing Prep Station, for Helios gene gun, 220/240 V	2,213.00	369
165-2025	PROTEAN II xi Multi-Gel Casting Chamber	534.00	217	165-2421	Syringe Kit, for Helios gene gun	63.00	369
165-2026	Sealing Gaskets, 3	48.00	217	165-2422	Tubing Cutter, for Helios gene gun	165.00	369
165-2029	PROTEAN II xi Alignment Cards, 2	19.00	217	165-2424	Helios Gene Gun Optimization Kit	1,403.00	369
165-2081	Gene Pulser/MicroPulser Cuvettes, 0.4 cm gap, 5	15.00	366, S28	165-2425	Nitrogen Regulator for U.S. Standard Connections	1,696.00	369
165-2082	Gene Pulser/MicroPulser Cuvettes, 0.2 cm gap, 5	15.00	366	165-2426	Cartridge Holders, for Helios gene gun, 5	63.00	369
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165-2091	Gene Pulser/MicroPulser Cuvettes, 0.4 cm gap, 500	1,136.00	366, S28	165-2436	Battery, for Helios gene gun, 9 V	8.50	369
165-2092	Gene Pulser/MicroPulser Cuvettes, 0.2 cm gap, 500	1,136.00	366	165-2440	Cartridge Kit, for Helios gene gun	129.00	369
165-2093	Gene Pulser/MicroPulser Cuvettes, 0.1 cm gap, 500	1,136.00	366	165-2441	Tefzel Tubing, for Helios gene gun, 15 m	111.00	369
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165-2100	MicroPulser Electroporator	1,806.00	365	165-2452	Helios Gene Gun Low-Pressure System, 220/240 V	22,597.00	368
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165-2244	GeneShot Control Cartridges, 12	127.00	369	165-2661	Gene Pulser Xcell Eukaryotic System	6,011.00	364
165-2257	PDS-1000/He System	19,780.00	371	165-2662	Gene Pulser Xcell Microbial System	5,397.00	364
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165-2961	Mini-PROTEAN Tube Cell	704.00	182	165-3352	Mini-PROTEAN Comb, 5-well, 0.75 mm	27.00	208
165-2965	Mini-PROTEAN Tube Cell Module	596.00	182	165-3353	Mini-PROTEAN Comb, 9-well, 0.75 mm	27.00	208
165-2966	Mini-PROTEAN Capillary Tubes With Casting Tube, 200	60.00	182	165-3354	Mini-PROTEAN Comb, 10-well, 0.75 mm	27.00	208
165-2967	Mini 2-D Tube Gel Ejector	87.00	182	165-3355	Mini-PROTEAN Comb, 15-well, 0.75 mm	27.00	208
165-2968	Mini-PROTEAN Tube Gel Sample Reservoirs, 8	38.00	182	165-3356	Mini-PROTEAN Comb, prep/2-D well, 0.75 mm	27.00	208, 210
165-2969	Mini-PROTEAN Tube Module Stoppers, 8	33.00	182	165-3357	Mini-PROTEAN Comb, 5-well, 1.0 mm	27.00	208
165-2970	Mini-PROTEAN Tube Module Tube Connectors, 50	34.00	182	165-3358	Mini-PROTEAN Comb, 9-well, 1.0 mm	27.00	208
165-2976	Model 422 Electro-Eluter, complete	548.00	241	165-3359	Mini-PROTEAN Comb, 10-well, 1.0 mm	27.00	208
165-2977	Model 422 Electro-Eluter Module, no buffer tank or lid	433.00	241	165-3360	Mini-PROTEAN Comb, 15-well, 1.0 mm	27.00	208
165-2978	Glass Tubes, Model 422 electro-eluter, 6	58.00	241	165-3361	Mini-PROTEAN Comb, prep/2-D well, 1.0 mm	27.00	208, 210
165-2981	Silicone Adaptors, Model 422 electro-eluter, 6	46.00	241	165-3362	Mini-PROTEAN Comb, IPG well, 1.0 mm	27.00	208, 210
165-2985	Membrane Caps, 12–15 kD cutoff, 12	53.00	241	165-3363	Mini-PROTEAN Comb, 5-well, 1.5 mm	27.00	208
165-2986	Membrane Caps, 3.5 kD cutoff, 12	53.00	241	165-3364	Mini-PROTEAN Comb, 9-well, 1.5 mm	27.00	208
165-2987	Frits, Model 422 electro-eluter, 12	37.00	241	165-3365	Mini-PROTEAN Comb, 10-well, 1.5 mm	27.00	208
165-3122	5.0 mm ID Glass Tubes, 7.0 mm OD, 125 mm, 24	85.00	184	165-3366	Mini-PROTEAN Comb, 15-well, 1.5 mm	27.00	208
165-3130	Mini Cell Buffer Dams, 2	16.00	208, 209	165-3367	Mini-PROTEAN Comb, prep/2-D well, 1.5 mm	27.00	208, 210
165-3132	Sample Loading Guide, 15-well, blue	16.00	208	165-3368	Mini-PROTEAN Comb, IPG well, 1.5 mm	27.00	208, 210
165-3136	1.0 mm ID Glass Tubes, 6.0 mm OD, 180 mm, 24	113.00	184	165-3400	Dodeca Stainer, large	3,573.00	221
165-3137	1.5 mm ID Glass Tubes, 7.5 mm OD, 150 mm, 24	116.00	184	165-3401	Dodeca Stainer, small	3,318.00	221
165-3138	1.5 mm ID Glass Tubes, 7.5 mm OD, 180 mm, 24	118.00	184	165-3403	Dodeca Stainer and Dodeca Silver Stain Kit, large	3,910.00	221
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165-3155	2.4 mm ID Glass Tubes, 4.0 mm OD, 160 mm, 24	98.00	184	165-3416	Dodeca Stainer Tray, small, 2	100.00	222
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165-3177	PROTEAN II XL Multi-Cell, wide format, 1.5 mm	4,988.00	216	165-3418	Dodeca Stainer Criterion Tray Attachment	24.00	222
165-3178	PROTEAN II XL Multi-Cell, wide format, 2.0 mm	4,988.00	216	165-3419	Dodeca Stainer White Development Tray, large	30.00	222
165-3181	PROTEAN II XL IPG Spacers, 20 cm x 1.5 mm	76.00	216	165-3420	Dodeca Stainer White Development Tray, small	30.00	222
165-3182	PROTEAN II XL Replacement Central Cooling Core Gaskets, 2	53.00	215	165-3421	Dodeca Stainer Shaking Rack, large	774.00	222
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165-3184	PROTEAN II xi Cell IPG Conversion Kit, 2.0 mm	475.00	214	165-3423	Dodeca Stainer Solution Tank, large	274.00	222
165-3186	PROTEAN II xi Cell IPG Conversion Kit, 1.5 mm	475.00	214	165-3424	Dodeca Stainer Solution Tank, small	236.00	222
165-3187	PROTEAN II XL IPG Comb, 1.5 mm	54.00	216	165-3425	Dodeca Stainer Lid With Shaker Motor, 100–240 V	774.00	222
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165-3203	Sample Loading Guide, 12-well, green	16.00	208	165-3430	Storage Box, small	101.00	221
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165-3304	Mini-PROTEAN Casting Frame	33.00	208	165-3645	Outer Glass Plates, 21 x 40 cm, 2	85.00	259
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165-3306	Mini-PROTEAN 3 Clamping Frame	85.00	208	165-3649	Outer Glass Plates, 38 x 50 cm, 2	102.00	259
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				165-3688	Plastic Well-Forming Comb, 36-well, 0.4 mm	65.00	260

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165-3694	Plastic Well-Forming Comb, 44-well, 0.4 mm	76.00	260	165-3886	Precision Caster Base, 21 cm	76.00	259
165-3696	Plastic Well-Forming Comb, 60-well, 0.4 mm	76.00	260	165-3887	Precision Caster Base, 38 cm	88.00	259
165-3698	Plastic Well-Forming Comb, 80-well, 0.4 mm	76.00	260	165-3888	Precision Caster Gasket, 21 cm	40.00	259
165-3700	Plastic Sharktooth Comb, 24-well, 0.4 mm	40.00	260	165-3889	Precision Caster Gasket, 38 cm	46.00	259
165-3702	Plastic Sharktooth Comb, 48-well, 0.4 mm	63.00	260	165-3892	Precision Caster Syringe, 140 ml	27.00	259
165-3710	Plastic Spacers, 0.4 mm, 40 cm wide, 10	43.00	260	165-4000	PROTEAN IEF System	9,192.00	177
165-3712	Plastic Spacers, 0.4 mm, 50 cm wide, 10	43.00	260	165-4001	PROTEAN IEF Cell, basic unit	8,482.00	177
165-3720	Gel Temperature Indicators, for Sequi-Gen II system	34.00	259	165-4010	17 cm Focusing Tray With Lid, for PROTEAN IEF cell	375.00	177
165-3801	Sequi-Gen II Stabilizer Bar	106.00	259	165-4015	Disposable Trays With Lids, 17 cm, 25	90.00	177
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165-3803	Sequi-Gen GT/PowerPac HV System, 21 x 50 cm	3,506.00	258	165-4025	Disposable Trays With Lids, 11 cm, 25	90.00	177
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165-3812	Machined Vinyl Spacers, 30 cm long, 0.4 mm, 2	59.00	260	165-4040	18 cm Focusing Tray With Lid, for PROTEAN IEF cell	403.00	177
165-3814	Machined Vinyl Spacers, 40 cm long, 0.4 mm, 2	45.00	260	165-4041	Disposable Trays With Lids, 18 cm, 25	90.00	177
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165-3837	Vinyl Sharktooth Comb, 36-well, 0.4 mm, 15 cm wide	57.00	260	165-4051	Large Replacement Cups, for PROTEAN IEF cell, 150 µl, 120	112.00	177
165-3838	Vinyl Sharktooth Comb, 48-well, 0.4 mm, 15 cm wide	59.00	260	165-4052	Small Replacement Cups, for PROTEAN IEF cell, 100 µl, 120	112.00	177
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165-3840	Vinyl Sharktooth Comb, 73-well, 0.4 mm, 30 cm wide	74.00	260	165-4054	Replacement Cup Loading Tray Base	658.00	177
165-3841	Vinyl Sharktooth Comb, 97-well, 0.4 mm, 30 cm wide	80.00	260	165-4055	Cup Loading Tray With Forceps	1,029.00	177
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165-3860	Sequi-Gen GT System, 21 x 40 cm	1,197.00	258	165-4085	Thermal Printer, 220 V	759.00	177
165-3861	Sequi-Gen GT System, 21 x 50 cm	1,262.00	258	165-4100	Mini-PROTEAN 3 Dodeca Cell	2,961.00	209
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165-3863	Sequi-Gen GT System, 38 x 50 cm	1,404.00	258	165-4102	Replacement Electrophoresis Clamping Frame	153.00	209
165-3866	Sequi-Gen GT Universal Base	402.00	259	165-4103	Lower Electrode Assembly With Platinum Wire	303.00	209
165-3867	Sequi-Gen GT Safety Covers, with cables, 21 cm	372.00	259	165-4104	Replacement Drain Line	60.00	209, 212
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165-3871	Sequi-Gen GT IPC Assembly, 21 x 50 cm	575.00	259	165-4111	Mini-PROTEAN 3 Multi-Casting Chamber, 0.75 mm spacers	550.00	210
165-3872	Sequi-Gen GT IPC Assembly, 38 x 30 cm	587.00	259	165-4112	Mini-PROTEAN 3 Multi-Casting Chamber, 1.0 mm spacers	550.00	210
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165-3876	Sequi-Gen GT Clamp Set, 40 cm	268.00	259	165-4115	Mini-PROTEAN 3 Multi-Casting Chamber Separation Sheets, 15	44.00	210
165-3877	Sequi-Gen GT Clamp Set, 50 cm	268.00	259				
165-3878	Precision Caster Assembly, 21 cm	105.00	259				
165-3879	Precision Caster Assembly, 38 cm	118.00	259				
165-3880	Sequi-Gen GT IPC, 21 x 40 cm	301.00	259				
165-3881	Sequi-Gen GT IPC, 21 x 50 cm	321.00	259				
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165-4122	Model 485 Gradient Former and Mini-PROTEAN 3 Multi-Casting Chamber	853.00	210	165-4174	PROTEAN Plus Hinged Spacer Plates, 25 cm x 1.5 mm	82.00	219
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165-4140	PROTEAN Plus Dodeca Cell (100/120 V) and PowerPac HC Power Supply	10,182.00	218	165-5002	Model 785 Vacuum Blotter System, 220/240 V	1,706.00	234
165-4141	PROTEAN Plus Dodeca Cell (220/240 V) and PowerPac HC Power Supply	10,182.00	218	165-5003	Model 785 Vacuum Blotter Basic Unit	896.00	234
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165-4143	PROTEAN Plus Dodeca Cell (220/240 V) and PowerPac Universal Power Supply	11,328.00	218	165-5005	Vacuum Station, 220/240 V, with pump and regulator	870.00	234
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165-4145	PROTEAN Plus Dodeca Cell (220/240 V), Trans-Blot Plus Cell, and PowerPac Universal Power Supply	13,661.00	218, 230	165-5007	Reservoir Seal O-Ring	68.00	234
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165-4151	PROTEAN Plus Dodeca Cell, 220/240 V	9,635.00	218	165-5012	Porous Vacuum Plate	69.00	234
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165-4153	Replacement Tubing Kit, for tank with stopcock	181.00	218	165-5058	PowerPac Temperature Probe	244.00	204
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165-8003	Mini-PROTEAN Tetra Cell, 10-well, 1.0 mm thickness, for 2 gels	631.00	207	166-0002EDU	Restriction Digestion and Analysis of Lambda DNA Kit	110.00	423
165-8004	Mini-PROTEAN Tetra Cell for Ready Gel Precast Gels.	521.00	207	166-0003EDU	pGLO Bacterial Transformation Kit	91.25	423
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165-8009	Mini-PROTEAN Tetra Cell Casting Module, 9-well, 0.75 mm	345.00	208	166-0006EDU	Secrets of the Rainforest Kit	172.50	423
165-8010	Mini-PROTEAN Tetra Cell Casting Module, 10-well, 0.75 mm	345.00	208	166-0007EDU	Forensic DNA Fingerprinting Kit.	131.25	423
165-8011	Mini-PROTEAN Tetra Cell Casting Module, 15-well, 0.75 mm	345.00	208	166-0008EDU	Size Exclusion Chromatography Kit.	90.00	423
165-8012	Mini-PROTEAN Tetra Cell Casting Module, prep/2-D well, 0.75 mm.	345.00	208	166-0450	Small DNA Electrophoresis Reagent Pack.	86.00	426
165-8013	Mini-PROTEAN Tetra Cell Casting Module, 5-well, 1.0 mm	345.00	208	166-0451EDU	Electrophoresis Module	54.00	S38
165-8014	Mini-PROTEAN Tetra Cell Casting Module, 9-well, 1.0 mm.	345.00	208	166-0455	Medium DNA Electrophoresis Reagent Pack.	209.00	426
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165-8018	Mini-PROTEAN Tetra Cell Casting Module, IPG well, 1.0 mm	345.00	208	166-0504	Temperature-Controlled Water Bath, 120 V.	728.00	428
165-8019	Mini-PROTEAN Tetra Cell Casting Module, 5-well, 1.5 mm	345.00	208	166-0505	Micropipet, adj. volume, 0.5–10 µl	252.00	426
165-8020	Mini-PROTEAN Tetra Cell Casting Module, 9-well, 1.5 mm	345.00	208	166-0506	Micropipet, adj. volume, 2–20 µl	252.00	426
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165-8023	Mini-PROTEAN Tetra Cell Casting Module, prep/2-D well, 1.5 mm.	345.00	208	166-0521	Mini Incubation Oven, 220 V	428.00	428
165-8024	Mini-PROTEAN Tetra Cell Casting Module, IPG well, 1.5 mm.	345.00	208	166-0524	Temperature-Controlled Water Bath, 220 V.	728.00	428
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				166-0602	Model 16K Microcentrifuge, 120 V	2,100.00	427
				166-0603	Mini Centrifuge, 120 V	376.00	427
				166-0610	BR-2000 Vortexer, 120 V	324.00	427
				166-0611	BR-2000 Vortexer, 220 V	324.00	427
				166-0612	Model 16K Microcentrifuge, 220 V	2,100.00	427
				166-0613	Mini Centrifuge, 220 V	376.00	427
				166-0620	PCR Tube Adaptor, for Model 16K microcentrifuge.	128.00	427
				166-0621	BR-2000 Vortexer, 220 V, for the UK.	324.00	427

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166-0709	UltraRocker Rocking Platform, 120 V	828.00	427	170-2410	VersaFluor Thermal Printer, 120 V	782.00	26
166-0719	UltraRocker Rocking Platform, 220 V	828.00	427	170-2412	Thermal Printer Paper, 10 rolls	117.00	26, 177
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166-2500EDU	GMO Investigator Kit	200.00	423, 424	170-2421	Emission Filter EM 460/10 (455–465 nm)	242.00	26
166-2550EDU	GMO Investigator Kit Plus Small DNA Electrophoresis Reagent Pack	237.50	424	170-2422	Excitation Filter EX 490/10 (485–495 nm)	242.00	26
166-2600EDU	Crime Scene Investigator PCR Basics Kit	182.50	423, 424	170-2423	Excitation Filter EX 510/10 (505–515 nm)	242.00	26
166-2650EDU	Crime Scene Investigator PCR Basics Kit Plus Small DNA Electrophoresis Reagent Pack	222.50	424	170-2424	Emission Filter EM 520/10 (515–525 nm)	242.00	26
166-2700EDU	Comparative Proteomics Kit I: Protein Profiler Module	167.50	423, 425	170-2425	Emission Filter EM 590/10 (585–595 nm)	242.00	26
166-2800EDU	Comparative Proteomics Kit II: Western Blot Module	212.50	423, 425	170-2426	Emission Filter EM 620/10 (615–625 nm)	242.00	26
166-2850EDU	Comparative Proteomics Kits I and II: Protein Profiler and Western Blot Modules	367.50	425	170-2427	Excitation Filter EX 480/20 (470–490 nm)	242.00	26
166-2900EDU	Got Protein? Kit	170.00	423	170-2430	Quartz Halogen Replacement Lamp	38.00	26
166-5000EDU	Complete Cloning and Sequencing Series, includes all 8 modules	1,365.00	S38	170-2435	VersaFluor Filter Set, for DNA quantitation	448.00	26
166-5001EDU	Curriculum Resource CD-ROM	25.00	S38	170-2436	VersaFluor Filter Set, for fluorescein assays	448.00	26
166-5005EDU	Nucleic Acid Extraction Module	160.00	S38	170-2437	Filter Set (EX 360/40, EM 520/10)	448.00	26
166-5010EDU	GAPDH PCR Module	355.00	S38	170-2443	Excitation Filter EX 390/22 (379–401 nm)	242.00	26
166-5015EDU	Ligation and Transformation Module	299.00	S38	170-2444	Excitation Filter EX 380/30 (365–395 nm)	242.00	26
166-5020EDU	Microbial Culturing Module	89.00	S38	170-2445	Emission Filter EM 510/10 (505–515 nm)	242.00	26
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168-1130	iMark Microplate Absorbance Reader	4,999.00	335	170-2447	Filter Set (EX 390/2, EM 510/10)	464.00	26
168-1135	iMark Microplate Absorbance Reader With Microplate Manager Software	5,899.00	335	170-2480	DNA Quantitation Kit (Hoechst)	96.00	27
168-1150	xMark Microplate Absorbance Spectrophotometer	18,999.00	336	170-2502	Standard Cuvette, 1–3.5 ml, quartz	144.00	23, 420
168-6940	Checkmark Reader Performance Verification Kit	2,100.00	337	170-2503	Semimicro. Cuvette, 0.5–1.4 ml, quartz	214.00	23, 420
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170-2850	MicroRotor for Harvesting Station	200.00	236	170-2964	Harvest Tubing, for Rotofor cell	89.00	238
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170-3872	Criterion Blotter With Plate Electrodes and PowerPac HC Power Supply	1,525.00	227	170-3992	Trans-Blot Plus Cell and PowerPac Universal Power Supply	4,500.00	230
170-3874	Criterion Blotter With Wire Electrodes and PowerPac HC Power Supply	1,435.00	227	170-3994	Trans-Blot Plus Gel/Cassette Assembly Tray	137.00	230
				170-3995	Fiber Pads, for Trans-Blot Plus cell, 27 x 28.5 cm, 2	27.00	230
				170-3997	Stirbar	24.00	230
				170-3998	Trans-Blot Plus Roller, 6" wide	27.00	230
				170-3999	Trans-Blot Plus Gel Holder Cassette With Clamps	109.00	230

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170-4018	Multiscreen Gaskets, 2	67.00	233	170-4422	Mini Gel Caster, for Sub-Cell GT cell	69.00	244, 245
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170-4070	Criterion Blotter With Plate Electrodes	680.00	227	170-4425	Wide Mini-Sub Cell GT Casting Gates, 2	73.00	244, 245
170-4071	Criterion Blotter With Wire Electrodes	606.00	227	170-4426	Sub-Cell GT UV-Transparent Wide Mini-Gel Tray, 15 x 7 cm	65.00	245
170-4076	Optional Criterion Blotter Cooling Coil	195.00	227	170-4432	Mini-Sub Cell GT Anode Electrode Cassette	60.00	244
170-4077	Criterion Blotter Buffer Tank	173.00	227	170-4433	Mini-Sub Cell GT Cathode Electrode Cassette	60.00	244
170-4079	Criterion Blotter Lid	143.00	227	170-4434	Mini-Sub Cell GT Casting Gates, 2	73.00	244
170-4080	Criterion Blotter Gel Holder Cassette	75.00	227	170-4435	Sub-Cell GT UV-Transparent Mini-Gel Tray, 7 x 10 cm	46.00	244
170-4081	Criterion Blotter Platinum Anode Plate Electrode	183.00	227	170-4436	Sub-Cell GT UV-Transparent Mini-Gel Tray, 7 x 7 cm	46.00	244
170-4082	Criterion Blotter Stainless-Steel Cathode Plate Electrode	107.00	227	170-4440	Preparative Comb, fixed ht., 1 prep/2 ref. wells, 1.5 mm	47.00	245, 247
170-4083	Criterion Blotter Wire Electrode Card, anode	124.00	227	170-4441	Preparative Comb, fixed ht., 2 prep/2 ref. wells, 1.5 mm	47.00	245, 247
170-4084	Criterion Blotter Wire Electrode Card, cathode	124.00	227	170-4442	Preparative Comb, fixed ht., 4 prep/2 ref. wells, 1.5 mm	47.00	245, 247
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170-4087	Sealed Ice Blocks, for Criterion blotter, 2	30.00	227	170-4445	Comb, 15-well, fixed ht., 0.75 mm	47.00	245, 247
170-4089	Criterion Gel/Blot Assembly Tray	47.00	227	170-4446	Comb, 15-well, fixed ht., 1.5 mm	47.00	245, 247
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170-4401	Sub-Cell GT System, with 15 x 10 cm tray	516.00	246	170-4463	Mini Comb, 8-well, fixed ht., 1.5 mm	47.00	244
170-4402	Sub-Cell GT System, with 15 x 15 cm tray	516.00	246	170-4464	Mini Comb, 15-well, fixed ht., 0.75 mm	47.00	244
170-4403	Sub-Cell GT System, with 15 x 20 cm tray	516.00	246	170-4465	Mini Comb, 15-well, fixed ht., 1.5 mm	47.00	244
170-4404	Sub-Cell GT System, with 15 x 25 cm tray	516.00	246	170-4466	Mini-Sub Cell GT System, with 7 x 10 cm tray	293.00	244
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170-4413	Sub-Cell GT Anode Electrode Cassette	80.00	246	170-4481	Sub-Cell GT System, 15 x 10 cm tray, gel caster	564.00	246
170-4414	Sub-Cell GT Cathode Electrode Cassette	80.00	246	170-4482	Sub-Cell GT System, 15 x 15 cm tray, gel caster	564.00	246
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170-4489	Wide Mini ReadySub-Cell GT Cell	348.00	197, 245	170-5042	Immun-Star GAR-HRP Detection Reagents, 500 ml	341.00	170
170-4491	Mini Handcasting Kit	111.00	244	170-5043	Immun-Star GAM-HRP Detection Reagents, 500 ml	341.00	170
170-4497	Wide Mini Handcasting Kit	128.00	245	170-5044	Immun-Star GAM-HRP Detection Kit	428.00	170
170-4500	Sub-Cell Model 96 Cell, 25 x 10 cm tray, gel caster	689.00	248	170-5045	Immun-Star GAR-HRP Detection Kit	428.00	170
170-4501	Sub-Cell Model 96 Cell, 25 x 15 cm tray, gel caster	689.00	248	170-5046	Immun-Star GAR-HRP Conjugate, 2 ml	147.00	170
170-4502	Sub-Cell Model 96 Cell, 25 x 10 cm tray	574.00	248	170-5047	Immun-Star GAM-HRP Conjugate, 2 ml	147.00	170
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170-4505	Sub-Cell Model 192 Cell, 25 x 15 cm tray, gel caster	731.00	249	170-5052	AP Color Blot Starter Kit 1	275.00	168
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170-4990	Trans-Blot Plus Super Cooling Coil	250.00	230	170-6520	Goat Anti-Mouse IgG-AP Conjugate, 1 ml	132.00	173
170-4991	Trans-Blot Plus Platinum Anode Plate Electrode	600.00	230	170-6521	Goat Anti-Human IgG-AP Conjugate, 1 ml	126.00	173
170-4992	Trans-Blot Plus Stainless-Steel Cathode Plate Electrode	300.00	230	170-6522	Protein A-HRP Conjugate, 1 ml	121.00	173
170-4995	Trans-Blot Plus Cell Buffer Tank	516.00	230	170-6527	Colloidal Gold Total Protein Stain, 500 ml	96.00	175
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170-7026	Model 1575 Immunowash Standard Maintenance Kit	148.00	339	170-8203	500 bp Molecular Ruler	87.00	145
170-7581	Mitsubishi Thermal Printer Paper, 4 rolls	126.00	274, 276	170-8204	1 kb Molecular Ruler	73.00	145
170-7706	Optional Fixed Lens, 105 mm	680.00	274	170-8205	2.5 kb Molecular Ruler	126.00	145
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170-9089	DCode System for TTGE, 120 V	5,523.00	262	170-9604	Quantity One 4-User Network License	8,434.00	282
170-9090	DCode System for TTGE, 220/240 V	5,523.00	262	170-9605	Quantity One 5-User Network License	9,840.00	282
170-9091	DCode System for TTGE, 100 V	5,523.00	262	170-9606	Quantity One 10-User Network License	16,868.00	282
170-9092	DCode System for SSCP, 120 V	5,523.00	262	170-9608	Quantity One Add 1 User License	1,405.00	282
170-9093	DCode System for SSCP, 220/240 V	5,523.00	262	170-9610	Quantity One Version Upgrade	1,124.00	282
170-9094	DCode System for SSCP, 100 V	5,523.00	262	170-9612	Quantity One User Guide	39.00	282
170-9102	Complete DCode System, Mac, 120 V	8,521.00	262	170-9615	Quantity One CFR Module	3,373.00	282
170-9103	Complete DCode System, Mac, 220/240 V	8,521.00	262	170-9620	PDQuest Basic 2-D Analysis Software	7,715.00	283
170-9104	Complete DCode System, Mac, 100 V	8,521.00	262	170-9630	PDQuest Advanced 2-D Analysis Software	19,839.00	283
170-9105	Complete DCode System, PC, 120 V	8,521.00	262	170-9631	PDQuest Advanced 1-User Network License	29,760.00	283
170-9106	Complete DCode System, PC, 220/240 V	8,521.00	262	170-9632	PDQuest Advanced 2-User Network License	39,679.00	283
170-9107	Complete DCode System, PC, 100 V	8,521.00	262	170-9633	PDQuest Advanced 3-User Network License	49,599.00	283
170-9125	DGGE Kit, 16 cm	704.00	262	170-9634	PDQuest Advanced 4-User Network License	59,519.00	283
170-9126	DGGE Kit, 10 cm	704.00	262	170-9635	PDQuest Advanced 5-User Network License	69,438.00	283
170-9127	CDGE/TTGE Kit, 16 cm	397.00	262	170-9636	PDQuest Advanced 10-User Network License	119,037.00	283
170-9128	Complete SSCP Kit, 20 cm	775.00	262	170-9638	PDQuest Advanced Add 1 User License	9,920.00	283
170-9129	Basic SSCP Kit, 20 cm	421.00	262	170-9640	PDQuest Basic to Advanced Software Version Upgrade	13,778.00	283
170-9140	Electrophoresis Cooling Tank	428.00	262	170-9642	PDQuest User Guide	40.00	283
170-9150	DCode Control Reagent Kit for DGGE/CDGE/TTGE	358.00	262	170-9645	PDQuest Advanced CFR Module	6,613.00	283
170-9151	DCode Control Reagent Kit for SSCP	358.00	262	170-9660	PDQuest Basic Software Version Upgrade	3,445.00	283
170-9170	DCode Electrophoresis Reagent Kit for DGGE	397.00	263	170-9670	PDQuest Advanced Software Version Upgrade	13,778.00	283
170-9171	DCode Electrophoresis Reagent for TTGE	397.00	263	170-9703	MyCycler Thermal Cycler System	4,750.00	382
170-9172	DCode Electrophoresis Reagent Kit for SSCP	477.00	263	170-9705	MyCycler Firmware Upgrade Kit	26.00	382
170-9240	WinMelt Software, PC/Windows	732.00	262	170-9707	MyCycler Gradient Upgrade Kit	525.00	382
170-9241	Interactive CD-ROM Training Guide	127.00	262	170-9709	MyCycler Sample Loading Trays, 2	24.00	382
170-9300	FPQuest Software	5,596.00	284	170-9753	iQ5 Optical System Software, version 2.0	6,300.00	387
170-9301	FPQuest Cluster Analysis	3,240.00	284	170-9753SE01	iQ5 Security Edition Software, single-seat license	13,750.00	387
170-9302	FPQuest Identification and Library Manager	2,430.00	284	170-9753SE05	iQ5 Security Edition Software, 5-seat license	61,875.00	387
170-9304	FPQuest Dimensioning Techniques	2,430.00	284	170-9753SE10	iQ5 Security Edition Software, 10-seat license	Inquire	387
170-9305	FPQuest Database Sharing Tools	2,700.00	284	170-9799	Real-Time PCR Applications Guide	21.00	384, 385, S30

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171-000055	Sheath Fluid, 20 L	63.00	318	171-305030	Bio-Plex Pro Isotyping Diluent, 1 x 96-well	65.00	324
171-000201	Bio-Plex 200 System, 100–240 V	67,000.00	318	171-305031	Bio-Plex Pro Isotyping Diluent, 10 x 96-well	504.00	324
171-000205	Bio-Plex 200 System With HTF	69,000.00	318	171-305040	Bio-Plex Pro Diabetes Diluent Kit, 1 x 96-well	93.00	322
171-002001	Communication Cable, for Bio-Plex system, PC serial port	257.00	318	171-305050	Bio-Plex Pro Human Acute Phase Diluent Kit, 1 x 96-well	149.00	323
171-002002	Communication Cable, for Bio-Plex system, HTF	257.00	318	171-406001	Bio-Plex Amine Coupling Kit	399.00	332
171-002003	Communication Cable, for Bio-Plex system, USB	257.00	318	171-506000 through 171-506099	Bio-Plex COOH Beads, 1 ml	285.00	331
171-002010	Sheath Fluid Bottle, for Bio-Plex system, 1 L	318.00	318	171-606000 through 171	Bio-Plex COOH Beads, 16 ml	4,383.00	331
171-002012	Sheath Waste Bottle, for Bio-Plex system, 1 L	318.00	318	171-A1001P	Bio-Plex Precision Pro Human Cytokine 10-Plex Panel, 1 x 96-well	1,836.00	319
171-002020	Sample Needle, for Bio-Plex system, long	Inquire	318	171-A11080	Bio-Plex Human Cytokine 8-Plex A Panel, 1 x 96-well	1,209.00	327
171-002024	Alignment Guide, for Bio-Plex system	214.00	318	171-A11081	Bio-Plex Human Cytokine Th1/Th2 Panel, 1 x 96-well	1,375.00	327
171-002026	Needle Adjustment Wrench, for Bio-Plex system	66.00	318	171-A11100	Bio-Plex Human Cytokine 9-Plex Panel, 1 x 96-well	1,335.00	327
171-002030	Protective Shield for Sample Needle	72.00	318	171-A11123	Bio-Plex Human Cytokine 23-Plex Panel, 1 x 96-well	2,860.00	327
171-002032	Air Intake Filter	189.00	318	171-A11127	Bio-Plex Human Cytokine 27-Plex Panel, 1 x 96-well	3,328.00	327
171-002033	Syringe Seal, for Bio-Plex system	82.00	318	171-A11171	Bio-Plex Human Cytokine 17-Plex Panel, 1 x 96-well	2,178.00	327
171-002034	Syringe Seal With Cylinder, for Bio-Plex system	351.00	318	171-A3001M	Bio-Plex Pro Human Isotyping 7-Plex Panel, 1 x 96-well	1,569.00	324
171-002038	Sheath Fluid Filter With Quick Connect Tubing	231.00	318	171-A3002M	Bio-Plex Pro Human Isotyping 7-Plex Panel, 10 x 96-well	14,647.00	324
171-002040	Sheath Cube Filter, 10 µm	194.00	318	171-A3S01M	Bio-Plex Pro Human Isotyping Panel Complete Kit	1,820.00	324
171-002056	Sheath Cube Filter, 10 µm, includes tubing	384.00	318	171-A4001M	Bio-Plex Pro Human Diabetes 12-Plex Panel, 1 x 96-well	2,283.00	321
171-025001	Bio-Plex Pro Flat-Bottom Plates, 40 x 96-well plates	198.00	S21, S27	171-A4002M	Bio-Plex Pro Human Diabetes 12-Plex Pane, 10 x 96-well	21,467.00	321
171-203001	Bio-Plex Validation Kit 4.0	1,454.00	318	171-A4007M	Bio-Plex Pro Human Acute Phase 5-Plex Panel, 1 x 96-well	1,233.00	323
171-203033	Bio-Plex MCV Plate IV	136.00	318	171-A4008M	Bio-Plex Pro Human Acute Phase 5-Plex Panel, 10 x 96-well	11,597.00	323
171-203050	Bio-Plex Reservoir	68.00	318	171-A4009M	Bio-Plex Pro Human Acute Phase 4-Plex Panel, 1 x 96-well	1,023.00	323
171-203060	Bio-Plex Calibration Kit	462.00	318	171-A4010M	Bio-Plex Pro Human Acute Phase 4-Plex Panel, 10 x 96-well	9,623.00	323
171-304000	Bio-Plex Cytokine Reagent Kit, 1 x 96-well	186.00	328	171-A4011M	Bio-Plex Pro Human Angiogenesis 9-Plex Panel, 1 x 96-well	2,084.00	323
171-304001	Bio-Plex Cytokine Reagent Kit, 10 x 96-well	1,739.00	328	171-A4012M	Bio-Plex Pro Human Angiogenesis 9-Plex Panel, 10 x 96-well	19,591.00	323
171-304004	Bio-Plex Phosphoprotein Detection Reagent Kit, 1 x 96-well	218.00	331	171-A4C01M	Bio-Plex Pro Human Diabetes 12-Plex Panel Complete Kit, 10 x 96-well	2,562.00	321
171-304005	Bio-Plex Phosphoprotein Detection Reagent Kit, 10 x 96-well	1,637.00	331	171-A4C07M	Bio-Plex Pro Human Acute Phase 5-Plex Panel Complete Kit, 1 x 96-well	1,568.00	323
171-304011	Bio-Plex Cell Lysis Kit, 1 x 96-well	163.00	14, 331	171-A4C09M	Bio-Plex Pro Human Acute Phase 4-Plex Panel Complete Kit, 1 x 96-well	1,358.00	323
171-304012	Bio-Plex Cell Lysis Kit, 10 x 96-well	1,364.00	14, 331	171-A4S01M	Bio-Plex Pro Human Diabetes 12 + 2-Plex Panel Complete Kit, 1 x 96-well	3,532.00	321
171-304020	Bio-Plex Pro Isotyping Reagent Kit, 1 x 96-well	186.00	324	171-A4S07M	Bio-Plex Pro Human Acute Phase Complete Kit, 1 x 96-well, 5 + 4-plex panel	2,777.00	323
171-304021	Bio-Plex Pro Isotyping Reagent Kit, 10 x 96-well	1,739.00	324	171-A4S11M	Bio-Plex Pro Human Angiogenesis 9-Plex Panel Complete Kit, 1 x 96-well	2,319.00	323
171-304030	Bio-Plex Pro Diabetes Reagent Kit, 1 x 96-well	186.00	322	171-B10138	Bio-Plex Human IL-2 Assay, 1 x 96-well	186.00	327
171-304031	Bio-Plex Pro Diabetes Reagent Kit, 10 x 96-well	1,739.00	322	171-B10452	Bio-Plex Human IL-4 Assay, 1 x 96-well	186.00	327
171-304050	Bio-Plex Pro Human Acute Phase Reagent Kit, 1 x 96-well	186.00	323	171-B10719	Bio-Plex Human IL-6 Assay, 1 x 96-well	186.00	327
171-304051	Bio-Plex Pro Human Acute Phase Reagent Kit, 10 x 96-well	1,739.00	323	171-B11054	Bio-Plex Human IL-8 Assay, 1 x 96-well	186.00	327
171-304060	Bio-Plex Pro Angiogenesis Reagent Kit, 1 x 96-well	186.00	323	171-B11356	Bio-Plex Human IL-10 Assay, 1 x 96-well	186.00	327
171-304061	Bio-Plex Pro Angiogenesis Reagent Kit, 10 x 96-well	1,739.00	323				
171-304070	Bio-Plex Pro Reagent Kit, 1 x 96-well	Inquire	S27				
171-304071	Bio-Plex Pro Reagent Kit, 10 x 96-well	Inquire	S27				
171-304500	Bio-Plex Wash Buffer, 1.5 L	92.00	S21, S27				
171-305000	Bio-Plex Human Serum Diluent Kit, 1 x 96-well	49.00	328				
171-305001	Bio-Plex Human Serum Diluent Kit, 10 x 96-well	381.00	328				
171-305004	Bio-Plex Mouse Serum Diluent Kit, 1 x 96-well	49.00	328				
171-305005	Bio-Plex Mouse Serum Diluent Kit, 10 x 96-well	381.00	328				
171-305008	Bio-Plex Rat Serum Diluent Kit, 1 x 96-well	58.00	328				

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171-B11921	Bio-Plex Human IFN- γ Assay, 1 x 96-well	186.00	327	171-B6001M	Bio-Plex Pro Human Cytokine IL-1 α Set, 1 x 96-well	Inquire	S27
171-B12236	Bio-Plex Human TNF- α Assay, 1 x 96-well	186.00	327	171-B6002M	Bio-Plex Pro Human Cytokine IL-2R α Set, 1 x 96-well	Inquire	S27
171-B12533	Bio-Plex Human IL-5 Assay, 1 x 96-well	186.00	327	171-B6003M	Bio-Plex Pro Human Cytokine IL-3 Set, 1 x 96-well	Inquire	S27
171-B12832	Bio-Plex Human IL-1 β Assay, 1 x 96-well	186.00	327	171-B6004M	Bio-Plex Pro Human Cytokine IL-12 (p40) Set, 1 x 96-well	Inquire	S27
171-B13174	Bio-Plex Human IL-7 Assay, 1 x 96-well	186.00	327	171-B6005M	Bio-Plex Pro Human Cytokine IL-16 Set, 1 x 96-well	Inquire	S27
171-B13475	Bio-Plex Human IL-12 (p70) Assay, 1 x 96-well	186.00	327	171-B6006M	Bio-Plex Pro Human Cytokine CTACK Set, 1 x 96-well	Inquire	S27
171-B13751	Bio-Plex Human IL-13 Assay, 1 x 96-well	186.00	327	171-B6007M	Bio-Plex Pro Human Cytokine GRO- α Set, 1 x 96-well	Inquire	S27
171-B14076	Bio-Plex Human IL-17 Assay, 1 x 96-well	186.00	327	171-B6008M	Bio-Plex Pro Human Cytokine HGF Set, 1 x 96-well	Inquire	S27
171-B14357	Bio-Plex Human G-CSF Assay, 1 x 96-well	186.00	327	171-B6009M	Bio-Plex Pro Human Cytokine ICAM-1 Set, 1 x 96-well	Inquire	S27
171-B14653	Bio-Plex Human MCP-1 (MCAF) Assay, 1 x 96-well	186.00	327	171-B6010M	Bio-Plex Pro Human Cytokine IFN- α 2 Set, 1 x 96-well	Inquire	S27
171-B14918	Bio-Plex Human MIP-1 β Assay, 1 x 96-well	186.00	327	171-B6011M	Bio-Plex Pro Human Cytokine LIF Set, 1 x 96-well	Inquire	S27
171-B4003M	Bio-Plex Pro Human Adiponectin Singleplex Assay, 1 x 96-well	299.00	321	171-B6012M	Bio-Plex Pro Human Cytokine MCP-3 Set, 1 x 96-well	Inquire	S27
171-B4004M	Bio-Plex Pro Human Adiponectin Singleplex Assay, 10 x 96-well	2,812.00	321	171-B6013M	Bio-Plex Pro Human Cytokine M-CSF Set, 1 x 96-well	Inquire	S27
171-B4005M	Bio-Plex Pro Human Adipsin Singleplex Assay, 1 x 96-well	299.00	321	171-B6014M	Bio-Plex Pro Human Cytokine MIF Set, 1 x 96-well	Inquire	S27
171-B4006M	Bio-Plex Pro Human Adipsin Singleplex Assay, 10 x 96-well	2,812.00	321	171-B6015M	Bio-Plex Pro Human Cytokine MIG Set, 1 x 96-well	Inquire	S27
171-B4003M	Bio-Plex Pro Human Adiponectin Singleplex Complete Kit, 1 x 96-well	578.00	321	171-B6016M	Bio-Plex Pro Human Cytokine β -NGF Set, 1 x 96-well	Inquire	S27
171-B4005M	Bio-Plex Pro Human Adipsin Singleplex Complete Kit, 1 x 96-well	578.00	321	171-B6017M	Bio-Plex Pro Human Cytokine SCF Set, 1 x 96-well	Inquire	S27
171-B5001M	Bio-Plex Pro Human Cytokine IL-1 β Set, 1 x 96-well	Inquire	S26	171-B6018M	Bio-Plex Pro Human Cytokine SCGF- β Set, 1 x 96-well	Inquire	S27
171-B5002M	Bio-Plex Pro Human Cytokine IL-1ra Set, 1 x 96-well	Inquire	S26	171-B6019M	Bio-Plex Pro Human Cytokine SDF-1 α Set, 1 x 96-well	Inquire	S27
171-B5003M	Bio-Plex Pro Human Cytokine IL-2 Set, 1 x 96-well	Inquire	S26	171-B6020M	Bio-Plex Pro Human Cytokine TNF- β Set, 1 x 96-well	Inquire	S27
171-B5004M	Bio-Plex Pro Human Cytokine IL-4 Set, 1 x 96-well	Inquire	S26	171-B6021M	Bio-Plex Pro Human Cytokine TRAIL Set, 1 x 96-well	Inquire	S27
171-B5005M	Bio-Plex Pro Human Cytokine IL-5 Set, 1 x 96-well	Inquire	S26	171-B6022M	Bio-Plex Pro Human Cytokine VCAM-1 Set, 1 x 96-well	Inquire	S27
171-B5006M	Bio-Plex Pro Human Cytokine IL-6 Set, 1 x 96-well	Inquire	S26	171-D10501	Bio-Plex Human Cytokine Standards Group I, 50-pack of 27 analytes	Inquire	S22, S27
171-B5007M	Bio-Plex Pro Human Cytokine IL-7 Set, 1 x 96-well	Inquire	S26	171-D10502	Bio-Plex Human Cytokine Standards Group II, 50-pack of 23 analytes	Inquire	S22, S27
171-B5008M	Bio-Plex Pro Human Cytokine IL-8 Set, 1 x 96-well	Inquire	S26	171-D30001	Bio-Plex Human Isotyping Standards, 2-pack	Inquire	S22
171-B5009M	Bio-Plex Pro Human Cytokine IL-9 Set, 1 x 96-well	Inquire	S26	171-D30501	Bio-Plex Human Isotyping Standards, 50-pack	Inquire	S22
171-B5010M	Bio-Plex Pro Human Cytokine IL-10 Set, 1 x 96-well	Inquire	S26	171-D40001	Bio-Plex Human Diabetes Standards, 2-pack	Inquire	S22
171-B5011M	Bio-Plex Pro Human Cytokine IL-12 (p70) Set, 1 x 96-well	Inquire	S26	171-D40002	Bio-Plex Human Acute Phase Standards, 2-pack	Inquire	S22
171-B5012M	Bio-Plex Pro Human Cytokine IL-13 Set, 1 x 96-well	Inquire	S26	171-D40003	Bio-Plex Human Angiogenesis Standards, 2-pack	Inquire	S22
171-B5013M	Bio-Plex Pro Human Cytokine IL-15 Set, 1 x 96-well	Inquire	S26	171-D40004	Bio-Plex Human Angiogenesis Standards, 50-pack	Inquire	S22
171-B5014M	Bio-Plex Pro Human Cytokine IL-17 Set, 1 x 96-well	Inquire	S26	171-D40005	Bio-Plex Human Diabetes Standards, 50-pack	Inquire	S22
171-B5015M	Bio-Plex Pro Human Cytokine Eotaxin Set, 1 x 96-well	Inquire	S26	171-D40006	Bio-Plex Human Acute Phase Standards, 50-pack	Inquire	S22
171-B5016M	Bio-Plex Pro Human Cytokine Basic FGF Set, 1 x 96-well	Inquire	S26	171-D50001	Bio-Plex Human Cytokine Standards Group I, 1-pack of 27 analytes	Inquire	S22, S27
171-B5017M	Bio-Plex Pro Human Cytokine G-CSF Set, 1 x 96-well	Inquire	S26	171-D60001	Bio-Plex Human Cytokine Standards Group II, 1-pack of 23 analytes	Inquire	S22, S27
171-B5018M	Bio-Plex Pro Human Cytokine GM-CSF Set, 1 x 96-well	Inquire	S26	171-F11009	Bio-Plex Mouse Cytokine 9-Plex Panel, 1 x 96-well	1,518.00	327
171-B5019M	Bio-Plex Pro Human Cytokine IFN- γ Set, 1 x 96-well	Inquire	S26	171-F11080	Bio-Plex Mouse Cytokine 8-Plex Panel, 1 x 96-well	1,209.00	327
171-B5020M	Bio-Plex Pro Human Cytokine IP-10 Set, 1 x 96-well	Inquire	S26	171-F11081	Bio-Plex Mouse Cytokine Th1/Th2 Panel, 1 x 96-well	1,209.00	327
171-B5021M	Bio-Plex Pro Human Cytokine MCP-1 (MCAF) Set, 1 x 96-well	Inquire	S26	171-F11100	Bio-Plex Mouse Cytokine 10-Plex Panel, 1 x 96-well	1,524.00	327
171-B5022M	Bio-Plex Pro Human Cytokine MIP-1 α Set, 1 x 96-well	Inquire	S26	171-F11241	Bio-Plex Mouse Cytokine 23-Plex Panel, 1 x 96-well	2,860.00	327
171-B5023M	Bio-Plex Pro Human Cytokine MIP-1 β Set, 1 x 96-well	Inquire	S26	171-F4001M	Bio-Plex Pro Mouse Diabetes 10-Plex Panel, 1 x 96-well	Inquire	322
171-B5024M	Bio-Plex Pro Human Cytokine PDGF-BB Set, 1 x 96-well	Inquire	S26	171-F4002M	Bio-Plex Pro Mouse Diabetes 10-Plex Panel, 10 x 96-well	Inquire	322
171-B5025M	Bio-Plex Pro Human Cytokine RANTES Set, 1 x 96-well	Inquire	S26	171-F4003M	Bio-Plex Pro Mouse Adiponectin Singleplex Assay, 1 x 96-well	Inquire	322
171-B5026M	Bio-Plex Pro Human Cytokine TNF- α Set, 1 x 96-well	Inquire	S26	171-F4004M	Bio-Plex Pro Mouse Adiponectin Singleplex Assay, 10 x 96-well	Inquire	322
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171-G10136	Bio-Plex Mouse IL-2 Assay, 1 x 96-well.	186.00.	328	171-G6006M	Bio-Plex Pro Mouse Cytokine MIP-2 Set, 1 x 96-well.	Inquire.	S26
171-G10432	Bio-Plex Mouse IL-4 Assay, 1 x 96-well.	186.00.	328	171-G6007M	Bio-Plex Pro Mouse Cytokine PDGF-BB Set, 1 x 96-well.	Inquire.	S26
171-G10738	Bio-Plex Mouse IL-6 Assay, 1 x 96-well.	186.00.	328	171-G6008M	Bio-Plex Pro Mouse Cytokine VEGF Set, 1 x 96-well.	Inquire.	S26
171-G11356	Bio-Plex Mouse IL-10 Assay, 1 x 96-well.	186.00.	328	171-I10501	Bio-Plex Mouse Cytokine Standards Group I, 50-pack of 23 analytes	Inquire.	S22, S27
171-G11673	Bio-Plex Mouse GM-CSF Assay, 1 x 96-well.	186.00.	328	171-I10502	Bio-Plex Mouse Cytokine Standards Group II, 50-pack of 9 analytes	Inquire.	S22, S27
171-G11934	Bio-Plex Mouse IFN- γ Assay, 1 x 96-well.	186.00.	328	171-I50001	Bio-Plex Mouse Cytokine Standards Group I, 1-pack of 23 analytes	Inquire.	S22, S27
171-G12221	Bio-Plex Mouse TNF- α Assay, 1 x 96-well.	186.00.	328	171-I60001	Bio-Plex Mouse Cytokine Standards Group II, 1-pack of 9 analytes	Inquire.	S22, S27
171-G12552	Bio-Plex Mouse IL-5 Assay, 1 x 96-well.	186.00.	328	171-K11070	Bio-Plex Rat Cytokine 9-Plex Panel, 1 x 96-well.	1,547.00.	328
171-G12819	Bio-Plex Mouse IL-1 β Assay, 1 x 96-well.	186.00.	328	171-SCRT00	Bio-Plex Manager 5.0 Workstation License, Security Edition	13,125.00.	318
171-G13758	Bio-Plex Mouse IL-12 (p70) Assay, 1 x 96-well.	186.00.	328	171-SCRT01	Bio-Plex Manager 5.0 Security Edition Software, desktop	13,125.00.	318
171-G14072	Bio-Plex Mouse IL-17 Assay, 1 x 96-well.	186.00.	328	171-SCRT05	Bio-Plex Manager 5.0 Security Edition Software, 5 licenses.	32,812.00.	318
171-G14354	Bio-Plex Mouse G-CSF Assay, 1 x 96-well.	186.00.	328	171-SCRT10	Bio-Plex Manager 5.0 Security Edition Software, 10 licenses.	55,125.00.	318
171-G15253	Bio-Plex Mouse IL-1 α Assay, 1 x 96-well.	186.00.	328	171-STND01	Bio-Plex Manager 5.0 Software, desktop	2,094.00.	318
171-G15518	Bio-Plex Mouse IL-3 Assay, 1 x 96-well.	186.00.	328	171-STND05	Bio-Plex Manager 5.0 Software, 5 licenses	9,444.00.	318
171-G15876	Bio-Plex Mouse IL-12 (p40) Assay, 1 x 96-well.	186.00.	328	171-STND10	Bio-Plex Manager 5.0 Software, 10 licenses	16,794.00.	318
171-G16157	Bio-Plex Mouse KC Assay, 1 x 96-well.	186.00.	328	171-STND23	Bio-Plex Manager 5.0 Software (IS 2.3 System)	15,375.00.	318
171-G16477	Bio-Plex Mouse MIP-1 α Assay, 1 x 96-well.	186.00.	328	171-SUPG30	Bio-Plex Manager 5.0 Software (3.0 Workstation)	4,125.00.	318
171-G16755	Bio-Plex Mouse RANTES Assay, 1 x 96-well.	186.00.	328	171-SUPG40	Bio-Plex Manager 5.0 for 4.0 Workstation.	585.00.	318
171-G4C01M	Bio-Plex Pro Mouse Adiponectin Singleplex Complete Kit, 1 x 96-well.	Inquire.	322	171-SUPG41	Bio-Plex Manager 5.0 Software for 4.1 Workstation	585.00.	318
171-G5001M	Bio-Plex Pro Mouse Cytokine IL-1 α Set, 1 x 96-well.	Inquire.	S26	171-V20438	Bio-Plex Phospho-ERK2 (Thr ¹⁸⁵ /Tyr ¹⁸⁷) Assay, 1 x 96-well.	272.00.	330
171-G5002M	Bio-Plex Pro Mouse Cytokine IL-1 β Set, 1 x 96-well.	Inquire.	S26	171-V20758	Bio-Plex Phospho-I κ B- α (Ser ³² /Ser ³⁶) Assay, 1 x 96-well.	272.00.	330
171-G5003M	Bio-Plex Pro Mouse Cytokine IL-2 Set, 1 x 96-well.	Inquire.	S26	171-V21034	Bio-Plex Phospho-JNK (Thr ¹⁸³ /Tyr ¹⁸⁵) Assay, 1 x 96-well.	272.00.	330
171-G5004M	Bio-Plex Pro Mouse Cytokine IL-3 Set, 1 x 96-well.	Inquire.	S26	171-V21075	Bio-Plex Phospho-Akt (Ser ⁴⁷³) Assay, 1 x 96-well.	272.00.	330
171-G5005M	Bio-Plex Pro Mouse Cytokine IL-4 Set, 1 x 96-well.	Inquire.	S26	171-V21336	Bio-Plex Phospho-p38 MAPK (Thr ¹⁸⁰ /Tyr ¹⁸²) Assay, 1 x 96-well.	272.00.	330
171-G5006M	Bio-Plex Pro Mouse Cytokine IL-5 Set, 1 x 96-well.	Inquire.	S26	171-V21620	Bio-Plex Phospho-ATF-2 (Thr ⁷¹) Assay, 1 x 96-well.	272.00.	330
171-G5007M	Bio-Plex Pro Mouse Cytokine IL-6 Set, 1 x 96-well.	Inquire.	S26	171-V21938	Bio-Plex Phospho-ERK1 (Thr ²⁰² /Tyr ²⁰⁴) Assay, 1 x 96-well.	272.00.	330
171-G5008M	Bio-Plex Pro Mouse Cytokine IL-9 Set, 1 x 96-well.	Inquire.	S26	171-V22238	Bio-Plex Phospho-ERK1/2 (Thr ²⁰² /Tyr ²⁰⁴ , Thr ¹⁸⁵ /Tyr ¹⁸⁷) Assay, 1 x 96-well.	272.00.	330
171-G5009M	Bio-Plex Pro Mouse Cytokine IL-10 Set, 1 x 96-well.	Inquire.	S26	171-V22552	Bio-Plex Phospho-STAT3 (Tyr ⁷⁰⁵) Assay, 1 x 96-well.	272.00.	330
171-G5010M	Bio-Plex Pro Mouse Cytokine IL-12 (p40) Set, 1 x 96-well.	Inquire.	S26	171-V23120	Bio-Plex Phospho-EGFR (Tyr) Assay, 1 x 96-well.	272.00.	330
171-G5011M	Bio-Plex Pro Mouse Cytokine IL-12 (p70) Set, 1 x 96-well.	Inquire.	S26	171-V23318	Bio-Plex Phospho-GSK-3 α / β (Ser ²¹ /Ser ⁹) Assay, 1 x 96-well.	272.00.	330
171-G5012M	Bio-Plex Pro Mouse Cytokine IL-13 Set, 1 x 96-well.	Inquire.	S26	171-V23535	Bio-Plex Phospho-p90RSK (Thr ³⁵⁹ /Ser ³⁶³) Assay, 1 x 96-well.	272.00.	330
171-G5013M	Bio-Plex Pro Mouse Cytokine IL-17 Set, 1 x 96-well.	Inquire.	S26	171-V23732	Bio-Plex Phospho-STAT2 (Tyr ⁶⁸⁹) Assay, 1 x 96-well.	272.00.	330
171-G5014M	Bio-Plex Pro Mouse Cytokine Eotaxin Set, 1 x 96-well.	Inquire.	S26	171-V23973	Bio-Plex Phospho-TrkA (Tyr ⁴⁹⁰) Assay, 1 x 96-well.	272.00.	330
171-G5015M	Bio-Plex Pro Mouse Cytokine G-CSF Set, 1 x 96-well.	Inquire.	S26	171-V24155	Bio-Plex Phospho-p70 S6 Kinase (Thr ⁴²¹ /Ser ⁴²⁴) Assay, 1 x 96-well.	272.00.	330
171-G5016M	Bio-Plex Pro Mouse Cytokine GM-CSF Set, 1 x 96-well.	Inquire.	S26	171-V24356	Bio-Plex Phospho-c-Jun (Ser ⁶³) Assay, 1 x 96-well.	272.00.	330
171-G5017M	Bio-Plex Pro Mouse Cytokine IFN- γ Set, 1 x 96-well.	Inquire.	S26	171-V24551	Bio-Plex Phospho-HSP27 (Ser ⁷⁸) Assay, 1 x 96-well.	272.00.	330
171-G5018M	Bio-Plex Pro Mouse Cytokine KC Set, 1 x 96-well.	Inquire.	S26	171-V24777	Bio-Plex Phospho-Histone H3 (Ser ¹⁰) Assay, 1 x 96-well.	272.00.	330
171-G5019M	Bio-Plex Pro Mouse Cytokine MCP-1 (MCAF) Set, 1 x 96-well.	Inquire.	S26	171-V24937	Bio-Plex Phospho-NF- κ B p65 (Ser ⁵³⁶) Assay, 1 x 96-well.	272.00.	330
171-G5020M	Bio-Plex Pro Mouse Cytokine MIP-1 α Set, 1 x 96-well.	Inquire.	S26				
171-G5021M	Bio-Plex Pro Mouse Cytokine MIP-1 β Set, 1 x 96-well.	Inquire.	S26				
171-G5022M	Bio-Plex Pro Mouse Cytokine RANTES Set, 1 x 96-well.	Inquire.	S26				
171-G5023M	Bio-Plex Pro Mouse Cytokine TNF- α Set, 1 x 96-well.	Inquire.	S26				
171-G6001M	Bio-Plex Pro Mouse Cytokine IL-15 Set, 1 x 96-well.	Inquire.	S26				
171-G6002M	Bio-Plex Pro Mouse Cytokine Basic FGF Set, 1 x 96-well.	Inquire.	S26				
171-G6003M	Bio-Plex Pro Mouse Cytokine LIF Set, 1 x 96-well.	Inquire.	S26				
171-G6004M	Bio-Plex Pro Mouse Cytokine M-CSF Set, 1 x 96-well.	Inquire.	S26				

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171-V25153	Bio-Plex Phospho-p53 (Ser ¹⁵) Assay, 1 x 96-well	272.00	330	172-5101	iTaq Fast SYBR Green Supermix With ROX, 500 x 20 µl reactions	380.00	399
171-V25340	Bio-Plex Phospho-MEK1 (Ser ²¹⁷ /Ser ²²¹) Assay, 1 x 96-well	272.00	330	172-5102	iTaq Fast SYBR Green Supermix With ROX, 1,000 x 20 µl reactions	760.00	399
171-V25374	Bio-Plex Phospho-S6 Ribosomal Protein (Ser ²³⁵ /Ser ²³⁶) Assay, 1 x 96-well	272.00	330	172-5103	iTaq Fast SYBR Green Supermix With ROX, 2,000 x 20 µl reactions	1,400.00	399
171-V25576	Bio-Plex Phospho-IRS-1 (Ser ⁶³⁶ /Ser ⁶³⁹) Assay, 1 x 96-well	272.00	330	172-5105	iTaq Fast Supermix With ROX, 200 x 20 µl reactions	160.00	398
171-V25772	Bio-Plex Phospho-STAT6 (Tyr ⁶⁴¹) Assay, 1 x 96-well	272.00	330	172-5106	iTaq Fast Supermix With ROX, 500 x 20 µl reactions	380.00	398
171-V25957	Bio-Plex Phospho-PDGF Receptor-β (Tyr ⁷⁵¹) Assay, 1 x 96-well	272.00	330	172-5107	iTaq Fast Supermix With ROX, 1,000 x 20 µl reactions	760.00	398
171-V26119	Bio-Plex Phospho-CREB (Ser ¹³³) Assay, 1 x 96-well	272.00	330	172-5108	iTaq Fast Supermix With ROX, 2,000 x 20 µl reactions	1,400.00	398
171-V26533	Bio-Plex Phospho-Tyk2 (Tyr ¹⁰⁵⁴ /Tyr ¹⁰⁵⁵) Assay, 1 x 96-well	272.00	330	172-5200	SsoFast EvaGreen Supermix, 200 x 20 µl reactions	Inquire	S36
171-V26741	Bio-Plex Phospho-Src (Tyr ⁴¹⁶) Assay, 1 x 96-well	272.00	330	172-5201	SsoFast EvaGreen Supermix, 500 x 20 µl	Inquire	S36
171-V26952	Bio-Plex Phospho-STAT3 (Ser ⁷²⁷) Assay, 1 x 96-well	272.00	330	172-5202	SsoFast EvaGreen Supermix, 1,000 x 20 µl	Inquire	S36
171-V27545	Bio-Plex Phospho-c-Abl (Tyr ²⁴⁵) Assay, 1 x 96-well	272.00	330	172-5203	SsoFast EvaGreen Supermix, 20 ml bottle, 2,000 x 20 µl	Inquire	S36
171-V27745	Bio-Plex Phospho-c-Abl (Tyr ⁴¹²) Assay, 1 x 96-well	272.00	330	172-5300	iProof High-Fidelity DNA Polymerase, 20 U	21.00	394
171-V28153	Bio-Plex Phospho-p53 (Ser ²⁶) Assay, 1 x 96-well	272.00	330	172-5301	iProof High-Fidelity DNA Polymerase, 100 U	92.00	394
171-V28353	Bio-Plex Phospho-p53 (Ser ³⁷) Assay, 1 x 96-well	272.00	330	172-5302	iProof High-Fidelity DNA Polymerase, 500 U	424.00	394
171-V30438	Bio-Plex Total ERK2 Assay, 1 x 96-well	272.00	331	172-5310	iProof HF Master Mix, 100 reactions	160.00	394
171-V30758	Bio-Plex Total IκB-α Assay, 1 x 96-well	272.00	331	172-5311	iProof HF Master Mix, 500 reactions	727.00	394
171-V31034	Bio-Plex Total JNK Assay, 1 x 96-well	272.00	331	172-5320	iProof GC Master Mix, 100 reactions	160.00	394
171-V31075	Bio-Plex Total Akt Assay, 1 x 96-well	272.00	331	172-5321	iProof GC Master Mix, 500 reactions	727.00	394
171-V31336	Bio-Plex Total p38 MAPK Assay, 1 x 96-well	272.00	331	172-5330	iProof High-Fidelity PCR Kit, 50 U	64.00	394
171-V31620	Bio-Plex Total ATF-2 Assay, 1 x 96-well	272.00	331	172-5331	iProof High-Fidelity PCR Kit, 200 U	224.00	394
171-V32238	Bio-Plex Total ERK1/2 Assay, 1 x 96-well	272.00	331	172-5351	Hot-Start iProof DNA Polymerase, 100 U, 2 U/µl	Inquire	S35
171-V33535	Bio-Plex Total p90RSK Assay, 1 x 96-well	272.00	331	172-5352	Hot-Start iProof DNA Polymerase, 500 U, 2 U/µl	Inquire	S35
171-V34356	Bio-Plex Total c-Jun Assay, 1 x 96-well	272.00	331	172-5391	5x iProof HF Buffer, 1.5 ml	21.00	394
171-V34551	Bio-Plex Total HSP27 Assay, 1 x 96-well	272.00	331	172-5392	5x iProof GC Buffer, 1.5 ml	21.00	394
171-V35153	Bio-Plex Total p53 Assay, 1 x 96-well	272.00	331	172-5393	5x iProof HPLC HF Buffer, 1.5 ml	21.00	394
171-V35340	Bio-Plex Total MEK1 Assay, 1 x 96-well	272.00	331	172-5394	5x iProof HPLC GC Buffer, 1.5 ml	21.00	394
171-V36119	Bio-Plex Total CREB Assay, 1 x 96-well	272.00	331	172-5848	iQ Multiplex Powermix, 50 reactions	140.00	400
171-V37145	Bio-Plex Total Bcr-Abl Assay, 1 x 96-well	272.00	331	172-5849	iQ Multiplex Powermix, 200 reactions	530.00	400
172-1011	Goat Anti-Mouse IgG (H + L)-HRP Conjugate, EIA grade, 2 ml	120.00	340	172-5850	iTaq SYBR Green Supermix With ROX, 200 reactions	326.00	398
172-1017	Rabbit Anti-Sheep IgG (H + L)-HRP Conjugate, 1 ml	120.00	340	172-5851	iTaq SYBR Green Supermix With ROX, 500 reactions	780.00	398
172-1019	Goat Anti-Rabbit IgG (H + L)-HRP Conjugate, 1 ml	76.00	340	172-5852	iTaq SYBR Green Supermix With ROX, 1,000 reactions	1,509.00	398
172-1033	Goat Anti-Human IgG (γ)-HRP Conjugate, 1 ml	141.00	340	172-5853	iTaq SYBR Green Supermix With ROX, 2,000 reactions, 50 ml bottle	2,958.00	398
172-1034	Rabbit Anti-Goat IgG (H + L)-HRP Conjugate, 1 ml	141.00	340	172-5854	iTaq Supermix With ROX, 200 reactions	326.00	397
172-1037	Rabbit Anti-Goat IgG (H + L)-AP Conjugate, 1 ml	157.00	340	172-5855	iTaq Supermix With ROX, 500 reactions	780.00	397
172-1050	Goat Anti-Human IgG-HRP (H + L) Conjugate, 2 ml	108.00	173	172-5856	iTaq Supermix With ROX, 1,000 reactions	1,509.00	397
172-1063	AP Substrate Kit	141.00	340	172-5857	iTaq Supermix With ROX, 2,000 reactions, 50 ml bottle	2,958.00	397
172-1064	HRP Substrate Kit	105.00	340	172-5858	ROX Passive Reference Dye, 0.5 ml	30.00	393
172-1066	TMB Peroxidase EIA Substrate Kit, 200 ml	120.00	340	174-9950	siLentMer Delivery Optimization Kit	155.00	350
172-1067	TMB Peroxidase EIA Substrate Kit, 1 L	325.00	340	174-9960	siLentMer Starter Kit for Human GAPDH	145.00	350
172-1068	Single-Component TMB Peroxidase EIA Substrate Kit, 100 ml TMB solution	70.00	340	174-9961	siLentMer Starter Kit for GFP	145.00	350
172-2051	Mouse Typer Isotyping Kit	349.00	340	174-9970	siLentMer Total Control Kit for Human GAPDH	295.00	350
172-2055	Mouse Typer Isotyping Panel	261.00	340	174-9971	siLentMer Total Control Kit for Human HPRT	295.00	350
172-5100	iTaq Fast SYBR Green Supermix With ROX, 200 x 20 µl reactions	160.00	399	174-9972	siLentMer Total Control Kit for Human Lamin A/C	295.00	350
				174-9973	siLentMer Total Control Kit for Human Cyclophilin	295.00	350
				174-9974	siLentMer Total Control Kit for Human β-Actin	295.00	350
				174-9975	siLentMer Total Control Kit for Human β-Tubulin	295.00	350

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174-9977	siLentMer Total Control Kit for Luciferase	295.00	350	176-6020	ProteOn Standard Microplates, 96 wells, 25	168.00	298
176-0100	ProteOn XPR36 Protein Interaction Array System	284,500.00	290	176-6023	ProteOn Deep-Well Microplates, 96 wells, 5	68.00	298
176-0200	ProteOn Manager Software, version 2.1	2,625.00	292, S17	176-6040	ProteOn Microplate Sealing Film, 50 sheets	120.00	298
176-0210	ProteOn Manager Software, Security Edition	Inquire	S16	176-6061	ProteOn Collection Tank Tubing	68.00	290
176-0220	ProteOn Manager Software Upgrade	Inquire	S17	179-0000	siLentMer siRNA Resuspension Buffer, 1 ml	75.00	350
176-1010	ProteOn One-shot Kinetics Kit	582.00	295	179-0001	siLentMer Fluorescently Labeled Nonsilencing siRNA, 1 nmol	155.00	350
176-1020	ProteOn Multiple Protein Interaction Kit	1,050.00	295	179-0002	siLentMer Nonsilencing siRNA, 1 nmol	125.00	350
176-1030	ProteOn Protein-Small Molecule Kit	577.00	295	179-0100 through 179-0199 and 179-0300 through 179-0302	siLentMer Validated Dicer-Substrate siRNA Duplexes, duplex 1, 2 nmol	225.00	349
176-2110	ProteOn Immobilization Buffer Kit	203.00	297	179-0200 through 179-0299 and 179-0400 through 179-0402	siLentMer Validated Dicer-Substrate siRNA Duplexes, duplex 2, 2 nmol	225.00	349
176-2120	ProteOn Acetate Buffer, pH 4.0, 50 ml	56.00	297	184-0048	Dual 48/48 Fast Reaction Module	2,645.00	377, 378
176-2121	ProteOn Acetate Buffer, pH 4.5, 50 ml	56.00	297	184-0096	96-Well Fast Reaction Module	2,145.00	377, 378
176-2122	ProteOn Acetate Buffer, pH 5.0, 50 ml	56.00	297	184-0384	384-Well Reaction Module	2,145.00	377, 378
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176-2210	ProteOn Regeneration Kit	519.00	297	184-2000	S1000 Thermal Cycler	5,250.00	378
176-2220	ProteOn Glycine Buffer, pH 1.5, 50 ml	59.00	297	184-4000	C1000 Manager Software, version 1.0	2,500.00	377, S32
176-2221	ProteOn Glycine Buffer, pH 2.0, 50 ml	59.00	297	184-5000	CFX Manager Software, version 1.0	Inquire	386
176-2222	ProteOn Glycine Buffer, pH 2.5, 50 ml	59.00	297	184-5001	CFX Manager Software, Security Edition, 1 user license	Inquire	386, S31
176-2223	ProteOn Glycine Buffer, pH 3.0, 50 ml	59.00	297	184-5005	CFX Manager Software, Security Edition, 5 user license	Inquire	386, S31
176-2230	ProteOn Sodium Hydroxide Solution	59.00	297	184-5010	CFX Manager Software, Security Edition, 10 user license	Inquire	386, S31
176-2240	ProteOn SDS Solution	59.00	297	184-5025	Precision Melt Analysis Software, 1 user license	3,000.00	S33
176-2250	ProteOn Hydrochloric Acid Solution	59.00	297	184-5096	CFX96 Optical Reaction Module	33,650.00	385
176-2260	ProteOn Phosphoric Acid Solution	59.00	297	184-5384	CFX384 Optical Reaction Module	53,000.00	S30
176-2270	ProteOn Sodium Chloride Solution	59.00	297	184-8000	USB Cable	21.00	377, 378
176-2410	ProteOn Amine Coupling Kit	309.00	297	185-1048	C1000 Thermal Cycler With Dual 48/48 Fast Reaction Module	8,495.00	377
176-2450	ProteOn Ethanolamine HCl	59.00	297	185-1096	C1000 Thermal Cycler With 96-Well Fast Reaction Module	7,995.00	377
176-2700	ProteOn Running Buffer Bottle	33.00	297	185-1384	C1000 Thermal Cycler With 384-Well Reaction Module	7,995.00	377
176-2710	ProteOn PBS	73.00	297	185-2048	S1000 Thermal Cycler With Dual 48/48 Fast Reaction Module	7,695.00	378
176-2720	ProteOn PBS/Tween	73.00	297	185-2096	S1000 Thermal Cycler With 96-Well Fast Reaction Module	7,395.00	378
176-2730	ProteOn PBS/Tween/EDTA, 2 L	73.00	297	185-2384	S1000 Thermal Cycler With 384-Well Reaction Module	7,395.00	378
176-2810	ProteOn Chip Normalization Solution	59.00	297	185-5096	CFX96 Real-Time PCR Detection System	39,500.00	377, 385
176-4100	ProteOn Maintenance Kit	450.00	297	185-5384	CFX384 Real-Time PCR Detection System	Inquire	S30
176-4111	ProteOn Maintenance Solution 1	69.00	297	211-2001	Xcluda Aerosol Barrier Pipet Tips, sterile, style A, 960	135.00	415
176-4112	ProteOn Maintenance Solution 2	69.00	297	211-2006	Xcluda Aerosol Barrier Pipet Tips, sterile, style B, 960	135.00	415
176-4113	ProteOn Maintenance Solution 3	69.00	297	211-2011	Xcluda Aerosol Barrier Pipet Tips, sterile, style C, 960	135.00	415
176-4114	ProteOn Buffer Inlet Filters, 2	42.00	290	211-2016	Xcluda Aerosol Barrier Pipet Tips, sterile, style D, 960	135.00	415
176-4200	ProteOn XPR36 Installation Qualification/Operation Qualification (IQ/OQ)	Inquire	293, S16	211-2021	Xcluda Aerosol Barrier Pipet Tips, sterile, style E, 960	135.00	415
176-4220	ProteOn Operation Qualification Kit	Inquire	293, S16	211-2026	Xcluda Aerosol Barrier Pipet Tips, sterile, style F, 1,000	135.00	415
176-4225	ProteOn XPR36 Regulatory Tools Package	Inquire	S16	211-2031	Xcluda Aerosol Barrier Pipet Tips, sterile, style G, 1,000	135.00	415
176-5011	ProteOn GLC Sensor Chip	178.00	294	211-2036	Xcluda Aerosol Barrier Pipet Tips, sterile, style H, 1,000	135.00	415
176-5012	ProteOn GLM Sensor Chip	197.00	294	211-2041	Xcluda Aerosol Barrier Pipet Tips, sterile, style J, 960	135.00	415
176-5013	ProteOn GLH Sensor Chip	220.00	294	223-9014	BR-14 Bulk Tips, natural, 1,000	33.00	417
176-5021	ProteOn NLC Sensor Chip	216.00	294	223-9026	BR-26 Bulk Tips, natural, 1,000	33.00	417
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176-5110	ProteOn CLN Cleaning Chip	152.00	297				
176-6000	ProteOn Sample Rack	367.00	290				
176-6003	ProteOn Needles, 6	483.00	290				
176-6004	ProteOn Wash Station	236.00	290				

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223-9031	BR-31 Bulk Tips, natural, 1,000	33.00	417	224-0110	Conical Tubes, 1.5 ml, installed O-ring caps, sterilized, 500	108.00	419
223-9035	BR-35 Bulk Tips, yellow, 1,000	33.00	417	224-0130	Skirted Tubes, 2.0 ml, separate O-ring caps, unsterilized, 500	79.00	419
223-9037	BR-37 Bulk Tips, natural, 1,000	33.00	417	224-0140	Skirted Tubes, 2.0 ml, installed O-ring caps, sterilized, 500	108.00	419
223-9038	BR-38 Bulk Tips, yellow, graduated, beveled, 1,000	33.00	417	224-0165	Conical Tubes, 0.5 ml, installed O-ring caps, sterile, 500	108.00	419
223-9039	BR-39 Bulk Tips, natural, graduated, beveled, 1,000	33.00	417	224-0185	Skirted Tubes, 0.5 ml, installed O-ring caps, sterile, 500	108.00	419
223-9040	BR-40 Bulk Tips, blue, 500	18.00	417	224-4872	Sterilized Reagent Reservoirs, polystyrene, 200	106.00	417
223-9041	BR-41 Bulk Tips, natural, 500	18.00	417	300-34376	Bio-Plex Pro Wash Station	9,460.00	S21
223-9135	RBR-35 Racked Tips, yellow, 1,000	42.00	417	300-34377	Bio-Plex Pro II Wash Station	13,880.00	S21
223-9301	MTP-26 Racked Tips, natural, 960	55.00	416	345-0000	Criterion Precast Gel Application Guide	5.00	194
223-9303	MTP-35 Racked Tips, yellow, 960	55.00	416	345-0001	Criterion Tris-HCl Gel, 5%, 12+2 well, 45 µl	13.00	193
223-9304	MTP-37 Racked Tips, natural, 960	55.00	416	345-0002	Criterion Tris-HCl Gel, 5%, 18-well, 30 µl	13.00	193
223-9307	MTP-28-S Racked Tips, natural, sterile, 960	65.00	416	345-0003	Criterion Tris-HCl Gel, 5%, 26-well, 15 µl	13.00	193
223-9308	MTP-35-S Racked Tips, yellow, sterile, 960	65.00	416	345-0005	Criterion Tris-HCl Gel, 7.5%, 12+2 well, 45 µl	13.00	193
223-9309	MTP-37-S Racked Tips, natural, sterile, 960	65.00	416	345-0006	Criterion Tris-HCl Gel, 7.5%, 18-well, 30 µl	13.00	193
223-9313	MTP-38 Racked Tips, yellow, graduated, beveled, 960	55.00	416	345-0007	Criterion Tris-HCl Gel, 7.5%, 26-well, 15 µl	13.00	193
223-9318	MTP-38-S Racked Tips, yellow, graduated, beveled, 960	65.00	416	345-0008	Criterion Tris-HCl Gel, 7.5%, prep+2 well, 800 µl	13.00	193
223-9347	TBR-35 Racked Covered Tips, yellow, 1,000	49.00	417	345-0009	Criterion Tris-HCl Gel, 10%, 12+2 well, 45 µl	13.00	193
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223-9351	TBR-41 Racked Covered Tips, natural, 1,000	52.00	417	345-0011	Criterion Tris-HCl Gel, 10%, 26-well, 15 µl	13.00	193
223-9354	TBR-14 Racked Covered Tips, natural, 1,000	49.00	417	345-0012	Criterion Tris-HCl Gel, 10%, prep+2 well, 800 µl	13.00	193
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223-9393	Titertube Plugs, unsterilized, 120 strips of 8	17.00	418	345-0017	Criterion Tris-HCl Gel, 12.5%, prep+2 well, 800 µl	13.00	193
223-9394	Titertube Rack, empty, holds 96 tubes, 10	14.00	418	345-0019	Criterion Tris-HCl Gel, 15%, 12+2 well, 45 µl	13.00	193
223-9395	Titertube Micro Test Tubes, presterilized, 10 racks of 96	50.00	418	345-0020	Criterion Tris-HCl Gel, 15%, 18-well, 30 µl	13.00	193
223-9430	EZ Micro Test Tubes, 2 ml, natural, 500	29.00	419	345-0021	Criterion Tris-HCl Gel, 15%, 26-well, 15 µl	13.00	193
223-9441	iQ 96-Well Plates, 25	169.00	407	345-0022	Criterion Tris-HCl Gel, 15%, prep+2 well, 800 µl	13.00	193
223-9442	96-Well PCR Plate Sealing Mats, 5	45.00	382, 410	345-0023	Criterion Tris-HCl Gel, 18%, 12+2 well, 45 µl	13.00	193
223-9480	EZ Micro Test Tubes, 1.5 ml, natural, 500	27.00	419	345-0024	Criterion Tris-HCl Gel, 18%, 18-well, 30 µl	13.00	193
223-9490	Separate Caps, for capless micro test tubes, white, 1,000	18.00	419	345-0025	Criterion Tris-HCl Gel, 18%, 26-well, 15 µl	13.00	193
223-9500	Micro Test Tubes, capless, 1.5 ml, natural, graduated, 500	22.00	118, 120, 419	345-0026	Criterion Tris-HCl Gel, 18%, prep+2 well, 800 µl	13.00	193
223-9501	Micro Test Tubes, standard, 1.5 ml, natural, 500	27.00	419	345-0027	Criterion Tris-HCl Gel, 4-15%, 12+2 well, 45 µl	13.00	193
223-9503	EZ Micro Test Tubes, 500 µl, natural, 1,000	39.00	419	345-0028	Criterion Tris-HCl Gel, 4-15%, 18-well, 30 µl	13.00	193
223-9750	Clear Polypropylene Tubes, 13 x 100 mm, 9 ml, 1,000	44.00	118, 120, 419	345-0029	Criterion Tris-HCl Gel, 4-15%, 26-well, 15 µl	13.00	193
223-9751	Natural Polystyrene Tubes, 13 x 100 mm, 9 ml, 1,000	44.00	118, 120, 419	345-0030	Criterion Tris-HCl Gel, 4-15%, prep+2 well, 800 µl	13.00	193
223-9911	Seque/Pro Capillary Pipet Tips, in autoclavable rack, 200	43.00	415	345-0032	Criterion Tris-HCl Gel, 4-20%, 12+2 well, 45 µl	13.00	193
223-9912	Seque/Pro Capillary Pipet Tips, sterile, racked, 200	46.00	415	345-0033	Criterion Tris-HCl Gel, 4-20%, 18-well, 30 µl	13.00	193
223-9915	Prot/Elec Pipet Tips, bulk, 1,000	43.00	415	345-0034	Criterion Tris-HCl Gel, 4-20%, 26-well, 15 µl	13.00	193
223-9916	Prot/Elec Pipet Tips, racked, 960	96.00	415	345-0035	Criterion Tris-HCl Gel, 4-20%, prep+2 well, 800 µl	13.00	193
223-9917	Prot/Elec Pipet Tips, racked, 1,000	60.00	415	345-0037	Criterion Tris-HCl Gel, 8-16%, 12+2 well, 45 µl	13.00	193
223-9950	Standard Disposable Polystyrene Cuvettes, 3.5 ml, 100	12.00	29, 30, 31, 32, 420	345-0038	Criterion Tris-HCl Gel, 8-16%, 18-well, 30 µl	13.00	193
223-9955	Semimicro. Disposable Polystyrene Cuvettes, 1.5 ml, 100	12.00	29, 30, 31, 32, 420	345-0039	Criterion Tris-HCl Gel, 8-16%, 26-well, 15 µl	13.00	193
224-0096	Costar 96-Well Flat-Bottom EIA Plates, polystyrene, 100	294.00	417	345-0040	Criterion Tris-HCl Gel, 8-16%, prep+2 well, 800 µl	13.00	193
				345-0042	Criterion Tris-HCl Gel, 10-20%, 12+2 well, 45 µl	13.00	193

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345-0044	Criterion Tris-HCl Gel, 10–20%, 26-well, 15 µl	13.00	193	345-0111	Criterion XT Bis-Tris Gel, 10%, 12+2 well, 45 µl	14.00	193
345-0045	Criterion Tris-HCl Gel, 10–20%, prep+2 well, 800 µl	13.00	193	345-0112	Criterion XT Bis-Tris Gel, 10%, 18-well, 30 µl	14.00	193
345-0047	Criterion TBE Gel, 5%, 12+2 well, 45 µl	13.00	193	345-0113	Criterion XT Bis-Tris Gel, 10%, 26-well, 15 µl	14.00	193
345-0048	Criterion TBE Gel, 5%, 18-well, 30 µl	13.00	193	345-0115	Criterion XT Bis-Tris Gel, 10%, 11 cm IPG+1 well	14.00	193
345-0049	Criterion TBE Gel, 5%, 26-well, 15 µl	13.00	193	345-0117	Criterion XT Bis-Tris Gel, 12%, 12+2 well, 45 µl	14.00	193
345-0051	Criterion TBE Gel, 10%, 12+2 well, 45 µl	13.00	193	345-0118	Criterion XT Bis-Tris Gel, 12%, 18-well, 30 µl	14.00	193
345-0052	Criterion TBE Gel, 10%, 18-well, 30 µl	13.00	193	345-0119	Criterion XT Bis-Tris Gel, 12%, 26-well, 15 µl	14.00	193
345-0053	Criterion TBE Gel, 10%, 26-well, 15 µl	13.00	193	345-0120	Criterion XT Bis-Tris Gel, 12%, prep+2 well, 800 µl	14.00	193
345-0055	Criterion TBE Gel, 15%, 12+2 well, 45 µl	13.00	193	345-0121	Criterion XT Bis-Tris Gel, 12%, 11 cm IPG+1 well	14.00	193
345-0056	Criterion TBE Gel, 15%, 18-well, 30 µl	13.00	193	345-0123	Criterion XT Bis-Tris Gel, 4–12%, 12+2 well, 45 µl	14.00	193
345-0057	Criterion TBE Gel, 15%, 26-well, 15 µl	13.00	193	345-0124	Criterion XT Bis-Tris Gel, 4–12%, 18-well, 30 µl	14.00	193
345-0059	Criterion TBE Gel, 4–20%, 12+2 well, 45 µl	13.00	193	345-0125	Criterion XT Bis-Tris Gel, 4–12%, 26-well, 15 µl	14.00	193
345-0060	Criterion TBE Gel, 4–20%, 18-well, 30 µl	13.00	193	345-0126	Criterion XT Bis-Tris Gel, 4–12%, prep+2 well, 800 µl	14.00	193
345-0061	Criterion TBE Gel, 4–20%, 26-well, 15 µl	13.00	193	345-0127	Criterion XT Bis-Tris Gel, 4–12%, 11 cm IPG+1 well	14.00	193
345-0063	Criterion Tris-Tricine Gel, 16.5%, 12+2 well, 45 µl	13.00	193	345-0129	Criterion XT Tris-Acetate Gel, 3–8%, 12+2 well, 45 µl	14.00	193
345-0064	Criterion Tris-Tricine Gel, 16.5%, 18-well, 30 µl	13.00	193	345-0130	Criterion XT Tris-Acetate Gel, 3–8%, 18-well, 30 µl	14.00	193
345-0065	Criterion Tris-Tricine Gel, 16.5%, 26-well, 15 µl	13.00	193	345-0131	Criterion XT Tris-Acetate Gel, 3–8%, 26-well, 15 µl	14.00	193
345-0066	Criterion Tris-Tricine Gel, 16.5%, prep+2 well, 800 µl	13.00	193	345-0133	Criterion XT Tris-Acetate Gel, 3–8%, 11 cm IPG+1 well	14.00	193
345-0067	Criterion Tris-Tricine Gel, 10–20%, 12+2 well, 45 µl	13.00	193	345-0135	Criterion XT Tris-Acetate Gel, 7%, 12+2 well, 45 µl	14.00	193
345-0068	Criterion Tris-Tricine Gel, 10–20%, 18-well, 30 µl	13.00	193	345-0136	Criterion XT Tris-Acetate Gel, 7%, 18-well, 30 µl	14.00	193
345-0069	Criterion Tris-Tricine Gel, 10–20%, 26-well, 15 µl	13.00	193	345-0137	Criterion XT Tris-Acetate Gel, 7%, 26-well, 15 µl	14.00	193
345-0071	Criterion IEF Gel, pH 3–10, 12+2 well, 45 µl	29.00	193	345-0412	Criterion Stain Free Gel, Tris-HCl, 12-well, 4–20% linear gradient	15.00	S15
345-0072	Criterion IEF Gel, pH 3–10, 18-well, 30 µl	29.00	193	345-0418	Criterion Stain Free Gel, Tris-HCl, 18-well, 4–20% linear gradient	15.00	S15
345-0073	Criterion IEF Gel, pH 3–10, 26-well, 15 µl	29.00	193	345-0426	Criterion Stain Free Gel, Tris-HCl, 26-well, 4–20% linear gradient	15.00	S15
345-0076	Criterion IEF Gel, pH 5–8, 18-well, 30 µl	37.00	193	345-1012	Criterion Stain Free Gel, Tris-HCl, 12+2-well, 10% resolving gel	15.00	S15
345-0079	Criterion Zymogram Gel With Gelatin, 10%, 12+2 well, 45 µl	16.00	193	345-1018	Criterion Stain Free Gel, Tris-HCl, 18+2-well, 10% resolving gel	15.00	S15
345-0080	Criterion Zymogram Gel With Gelatin, 10%, 18-well, 30 µl	16.00	193	345-8161	Criterion Stain Free Gel, Tris-HCl, IPG+1-well, 8–16% linear gradient	15.00	S15
345-0081	Criterion Zymogram Gel With Gelatin, 10%, 26-well, 15 µl	16.00	193	345-9901	Criterion Empty Cassettes, 1.0 mm, 12+2 well, 10	66.00	193
345-0082	Criterion Zymogram Gel With Casein, 12.5%, 12+2 well, 45 µl	27.00	193	345-9902	Criterion Empty Cassettes, 1.0 mm, 18-well, 10	66.00	193
345-0083	Criterion Zymogram Gel With Casein, 12.5%, 18-well, 30 µl	27.00	193	345-9903	Criterion Empty Cassettes, 1.0 mm, 26-well, 10	66.00	193
345-0084	Criterion Zymogram Gel With Casein, 12.5%, 26-well, 15 µl	27.00	193	345-9904	Criterion Empty Cassettes, 1.0 mm, prep+2 well, 10	66.00	193
345-0086	Criterion TBE-Urea Gel, 5%, 18-well, 30 µl	16.00	193	345-9906	Criterion Empty Cassettes, 1.0 mm, IPG+1 well, 10	66.00	193
345-0088	Criterion TBE-Urea Gel, 10%, 12+2 well, 45 µl	13.00	193	345-9920	Criterion Staining/Blotting Trays, with lids, 12	121.00	212
345-0089	Criterion TBE-Urea Gel, 10%, 18-well, 30 µl	13.00	193	345-9921	Criterion Staining/Blotting Trays, with lids, 2	22.00	212
345-0090	Criterion TBE-Urea Gel, 10%, 26-well, 15 µl	13.00	193	345-9949	Criterion Tris-HCl Gel, 10.5–14%, 12+2 well, 45 µl	13.00	193
345-0091	Criterion TBE-Urea Gel, 15%, 12+2 well, 45 µl	13.00	193	345-9950	Criterion Tris-HCl Gel, 10.5–14%, 18-well, 30 µl	13.00	193
345-0092	Criterion TBE-Urea Gel, 15%, 18-well, 30 µl	13.00	193	345-9951	Criterion Tris-HCl Gel, 10.5–14%, 26-well, 15 µl	13.00	193
345-0093	Criterion TBE-Urea Gel, 15%, 26-well, 15 µl	13.00	193	444-9998	Bio-Rex RG 501-X8 Resin, 1 ft ³ , 20–50 dry mesh	Inquire	46
345-0101	Criterion Tris-HCl Gel, 10%, 11 cm IPG+1 well	13.00	193	444-9999	Bio-Rex RG 501-X8 Resin, 20–50 mesh, 500 g	120.00	46
345-0102	Criterion Tris-HCl Gel, 12.5%, 11 cm IPG+1 well	13.00	193	500-0001	Bio-Rad Protein Assay Kit I	106.00	30
345-0103	Criterion Tris-HCl Gel, 4–15%, 11 cm IPG+1 well	13.00	193	500-0002	Bio-Rad Protein Assay Kit II	106.00	30
345-0104	Criterion Tris-HCl Gel, 4–20%, 11 cm IPG+1 well	13.00	193	500-0005	Protein Standard I, bovine γ-globulin	54.00	30, 31, 32
345-0105	Criterion Tris-HCl Gel, 8–16%, 11 cm IPG+1 well	13.00	193	500-0006	Bio-Rad Protein Assay Dye Reagent Concentrate, 450 ml	91.00	30
345-0106	Criterion Tris-HCl Gel, 10.5–14%, 11 cm IPG+1 well	13.00	193	500-0007	Protein Standard II, BSA	54.00	30, 31, 32

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500-0112	DC Protein Assay Kit 2	142.00	31	620-1005	Profinia Instrument With Accessory Kit and Native IMAC Starter Kit	15,850.00	88
500-0113	Protein Assay Reagent A	44.00	31, 32	620-1006	Profinia Instrument With Accessory Kit and GST Starter Kit, 100–240 V	15,850.00	88
500-0114	Protein Assay Reagent B	44.00	31, 32	620-1010	Profinia Protein Purification System With Native IMAC Starter Kit	16,150.00	88, S9
500-0115	Protein Assay Reagent S	30.00	31, 32	620-1011	Profinia Protein Purification System With GST Starter Kit	16,150.00	88, S9
500-0116	DC Protein Assay Reagents Package	137.00	31, 32	620-1015	Profinia Instrument With Computer, Software, and Native IMAC Starter Kit	18,725.00	88
500-0117	RC Reagent I, 250 ml	48.00	32	620-1016	Profinia Instrument With Computer, Software, and GST Starter Kit	18,725.00	88
500-0118	RC Reagent II, 250 ml	48.00	32	700-7000	Experion System, for protein analysis	14,240.00	133
500-0119	RC Reagents Package	86.00	32	700-7001	Experion System, 100/120 V, for RNA and DNA analysis	14,956.00	133
500-0120	RC DC Protein Assay Reagents Package	209.00	32	700-7002	Experion System, 220/240 V, for RNA and DNA analysis	14,956.00	133
500-0121	RC DC Protein Assay Kit I, bovine γ -globulin standard	221.00	32	700-7010	Experion Electrophoresis Station	13,284.00	134
500-0122	RC DC Protein Assay Kit II, BSA standard	221.00	32	700-7020	Experion Electrode Manifold	695.00	134
500-0201	Quick Start Bradford Protein Assay Kit 1	108.00	29	700-7022	Experion USB2 Cable With Ferrite	30.00	134
500-0202	Quick Start Bradford Protein Assay Kit 2	134.00	29	700-7030	Experion Priming Station	1,050.00	134
500-0203	Quick Start Bradford Protein Assay Kit 3	112.00	29	700-7031	Experion Priming Seals, 2	25.00	134
500-0204	Quick Start Bradford Protein Assay Kit 4	138.00	29	700-7040	Experion Vortex Station, 115 V	809.00	134
500-0205	Quick Start Bradford 1x Dye Reagent, 1 L	91.00	29	700-7041	Experion Vortex Station, 230 V	809.00	134
500-0206	Quick Start BSA Standard	58.00	29	700-7042	Experion Vortex Adaptor	40.00	134
500-0207	Quick Start BSA Standard Set	97.00	29	700-7050	Experion Software, version 3.0	1,079.00	134, S10
500-0208	Quick Start Bovine γ -Globulin Standard	59.00	29	700-7051	Experion Validation Kit	1,074.00	134, S10
500-0209	Quick Start Bovine γ -Globulin Standard Set	99.00	29	700-7052	Experion Software, Security Edition	3,466.00	134, S10
620-0010	Profinia Software, includes USB cable	1,166.00	89	700-7060	Experion System With Dell Computer and Monitor, for protein analysis	17,436.00	133
620-0200	Profinia Small Urea Pack	42.00	93	700-7061	Experion System With Dell Computer, for protein analysis, without monitor	16,750.00	133
620-0201	Profinia Large Urea Pack	42.00	93	700-7062	Experion System With Dell Computer and Monitor, 100–120 V, for RNA and DNA analysis	18,152.00	133
620-0202	Profinia Glutathione Pack	37.00	93	700-7063	Experion System With Dell Computer, 100–120 V, for RNA and DNA analysis, without monitor	17,472.00	133
620-0203	Profinia His Antibody	254.00	93	700-7064	Experion System With Dell Computer, 220–240 V, for RNA and DNA analysis, without monitor	17,472.00	133
620-0204	Profinia GST Antibody	275.00	93	700-7101	Experion Pro260 Analysis Kit for 10 Chips	327.00	134
620-0221	Profinia Native IMAC Buffer Kit	270.00	92	700-7102	Experion Pro260 Analysis Kit for 25 Chips	637.00	134
620-0222	Profinia Denaturing IMAC Buffer Kit	349.00	92	700-7103	Experion RNA StdSens Analysis Kit for 10 Chips	316.00	134
620-0223	Profinia GST Buffer Kit	275.00	92	700-7104	Experion RNA StdSens Analysis Kit for 25 Chips	605.00	134
620-0224	Profinia Desalting Buffer Kit	169.00	92	700-7105	Experion RNA HighSens Analysis Kit for 10 Chips	327.00	134
620-0225	Profinia Native IMAC Purification Kit, 1 ml	392.00	92	700-7106	Experion RNA HighSens Analysis Kit for 25 Chips	637.00	134
620-0226	Profinia GST Purification Kit, 1 ml	450.00	92	700-7107	Experion DNA 1K Analysis Kit for 10 Chips	388.00	134
620-0227	Profinia Denaturing IMAC Purification Kit, 1 ml	424.00	92	700-7108	Experion DNA 12K Analysis Kit for 10 Chips	388.00	134
620-0228	Profinia Desalting Purification Kit, 10 ml	185.00	92	700-7110	Experion Pro260 Starter Kit	519.00	134
620-0229	Profinia Native IMAC Starter Kit	413.00	93	700-7111	Experion RNA StdSens Starter Kit	519.00	134
620-0230	Profinia GST Starter Kit	402.00	93	700-7151	Experion Pro260 Chips, 10	267.00	134
620-0231	Bottle Starter Pack	127.00	91	700-7152	Experion Pro260 Reagents and Supplies, for 10 chips	187.00	134
620-0233	Profinia Control Lysate	106.00	93	700-7153	Experion RNA StdSens Chips, 10	267.00	134
620-0235	Profinia Native IMAC Purification Kit, 5 ml	694.00	92				
620-0236	Profinia GST Purification Kit, 5 ml	860.00	92				
620-0237	Profinia Denaturing IMAC Purification Kit, 5 ml	846.00	92				
620-0238	Profinia Desalting Purification Kit, 50 ml	519.00	92				
620-0401	Profinia Instrument Cooling Accessory	328.00	91				
620-0402	Profinia Desalting Sample Loop, 2 ml	103.00	91				
620-0403	Profinia Desalting Sample Loop, 10 ml	118.00	91				
620-0404	Profinia Instrument Inline Filter Pack, 12 filters	201.00	91				
620-0405	Profinia Sipper Tube Replacement Kit	90.00	91				
620-0410	Profinia Instrument Accessory Kit	530.00	91				

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700-7155	Experion RNA HighSens Chips, 10	267.00	134	731-8154	Model EG-1 Econo Gradient Monitor	2,064.00	117
700-7156	Experion RNA HighSens Reagents and Supplies, for 10 chips	208.00	134	731-8155	Conductivity Flow Cell	427.00	113, 117
700-7163	Experion DNA Chips, 10	262.00	134	731-8160	Model EM-1 Econo UV Monitor, 100/120 V	2,986.00	117
700-7164	Experion DNA 1K Reagents and Supplies, for 10 chips	246.00	134	731-8162	Model EM-1 Econo UV Monitor, 220/240 V	3,313.00	117
700-7165	Experion DNA 12K Reagents and Supplies, for 10 chips	315.00	134	731-8165	UV Flow Cell	283.00	113, 117
700-7251	Experion Cleaning Chips, 10	107.00	134	731-8166	Lamp, for BioLogic LP system	283.00	113, 117
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700-7253	Experion DEPC-Treated Water, 100 ml	75.00	134	731-8168	Model EM-1 Optics Module Assembly	1,660.00	117
700-7254	Experion Spin Filters, 10	53.00	134	731-8207	PharMed Tubing, 0.8 mm ID/1.0 mm wall, 10 m	77.00	126
700-7255	RNA Ladder, Experion RNA analysis kit	43.00	134	731-8208	PharMed Tubing, 1.6 mm ID/1.0 mm wall, 10 m	77.00	126
700-7256	Protein Ladder, Experion protein analysis kit	65.00	134	731-8209	PharMed Tubing, 3.2 mm ID/1.0 mm wall, 10 m	84.00	126
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700-7262	Experion DNA 12K Ladder	52.00	134	731-8211	Silicone Tubing, 1.6 mm ID/0.8 mm wall, 10 m	69.00	125
720-0001	UNO Q1 Column, 7 x 35 mm	1,049.00	67	731-8212	Silicone Tubing, 3.2 mm ID/0.8 mm wall, 10 m	82.00	125
720-0003	UNO Q6 Column, 12 x 53 mm	2,098.00	67	731-8213	Tygon Tubing, 0.51 mm ID/0.8 mm wall, 10 m	39.00	125
720-0005	UNO Q12 Column, 15 x 68 mm	2,998.00	67	731-8214	Tygon Tubing, 0.8 mm ID/0.8 mm wall, 10 m	42.00	125
720-0009	UNO Q Polishing Column, 4.6 x 10 mm	353.00	68	731-8215	Tygon Tubing, 1.6 mm ID/0.8 mm wall, 10 m	45.00	125
720-0011	UNO Q1R Column, 7 x 35 mm	661.00	68	731-8220	Low-Pressure System Fittings Kit	270.00	122
720-0013	UNO Q6R Column, 12 x 53 mm	1,950.00	68	731-8221	0.8 mm Barb to Female Luer Fittings, 25	34.00	122
720-0015	UNO Q12R Column, 15 x 68 mm	2,070.00	68	731-8222	1.6 mm Barb to Female Luer Fittings, 25	34.00	122
720-0021	UNO S1 Column, 7 x 35 mm	1,049.00	67	731-8223	3.2 mm Barb to Female Luer Fittings, 25	34.00	122
720-0023	UNO S6 Column, 12 x 53 mm	2,098.00	67	731-8224	0.8 mm Barb to Male Luer Fittings, 25	34.00	123
720-0025	UNO S12 Column, 15 x 68 mm	2,998.00	67	731-8225	1.6 mm Barb to Male Luer Fittings, 25	34.00	123
720-0033	UNO S6R Column, 12 x 53 mm	1,750.00	68	731-8226	3.2 mm Barb to Male Luer Fittings, 25	34.00	123
720-0035	UNO S12R Column, 15 x 68 mm	2,070.00	68	731-8228	Female Luer to Female Luer Fittings, 10	34.00	123
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731-6212	Poly-Prep Columns, AG 1-X8 resin, 200-400 mesh, 50	179.00	65	731-8242	Pump Tubing Kit, 3.2 mm ID silicone	69.00	126
731-6213	Poly-Prep Columns, AG 50W-X8 resin, 100-200 mesh, 50	179.00	65	731-8247	Pump Tubing Kit, 0.8 mm ID PharMed	71.00	126
731-6214	Poly-Prep Columns, AG 50W-X8 resin, 200-400 mesh, 50	179.00	65	731-8248	Pump Tubing Kit, 1.6 mm ID PharMed	71.00	126
731-6221	Poly-Prep Columns, AG 1-X8 resin, formate, 100-200 mesh, 50	179.00	65	731-8249	Pump Tubing Kit, 3.2 mm ID PharMed	78.00	126
731-7005	Poly Column Rack, 20-place	434.00	73	731-8261	System Cable 1	77.00	116, 118, 122
731-8120	Model 2110 Fraction Collector, 220/240 V	1,418.00	118	731-8262	System Cable 2	77.00	122
731-8122	Model 2110 Fraction Collector, 110/120 V	1,102.00	118	731-8263	System Cable 3	77.00	116, 120, 122
731-8130	Carousel, 80-tube capacity	67.00	118	731-8264	System Cable 4	77.00	122
731-8131	Replacement Drop Formers, 2	27.00	118	731-8265	System Cable 5	77.00	118, 122
731-8135	Micro Tube Adaptor, 80-microtube capacity	28.00	118	731-8266	System Cable 6	77.00	122
731-8136	Instrument Dust Cover	120.00	118	731-8267	System Cable 7	110.00	114, 122
731-8140	Model EP-1 Econo Pump, 100/120 V	1,853.00	116	731-8268	System Cable 8	77.00	122
731-8142	Model EP-1 Econo Pump, 220/240 V	1,828.00	116	731-8269	System Cable 9	110.00	122
				731-8270	Power Adaptor, 100/120 V, for US, Japan	67.00	117

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731-8271	Power Adaptor, 220/240 V, for Europe	73.00	117	732-1010	Econo-Pac Chromatography Columns, empty, 50	110.00	73
731-8272	Power Adaptor, 220/240 V, for UK	67.00	117	732-1011	Econo-Pac Chromatography Columns, empty, 500	1,026.00	73
731-8283	System Cable 12	131.00	122	732-2010	Econo-Pac 10DG Desalting Columns, 30	149.00	66
731-8285	System Cable 14	122.00	122	732-2020	Econo-Pac Protein A Kit, 3 buffers	225.00	66
731-8286	System Cable 15	122.00	116, 120, 122	732-2022	Econo-Pac Protein A Columns, 5	365.00	66
731-8287	System Cable 16	118.00	120, 122	732-2027	Econo-Pac Serum IgG Purification Kit	252.00	66
731-8290	BioFrac Accessory Cable	129.00	120, 122	732-3245	Luer Tubing Adaptors, 5	178.00	123
731-8300	Standard BioLogic LP System, 100/120 V	8,366.00	112	732-4100	Bio-Scale Mini UNOsphere Q Cartridges, 5 x 1 ml	165.00	64
731-8301	Standard BioLogic LP System, 220/240 V	8,307.00	112	732-4102	Bio-Scale Mini UNOsphere Q Cartridge, 1 x 5 ml	116.00	64
731-8302	BioLogic LP/Model 2110 System, 100/120 V	9,362.00	113	732-4104	Bio-Scale Mini UNOsphere Q Cartridges, 5 x 5 ml	403.00	64
731-8303	BioLogic LP/Model 2110 System, 220/240 V	9,684.00	113	732-4110	Bio-Scale Mini UNOsphere S Cartridges, 5 x 1 ml	165.00	64
731-8304	BioLogic LP/BioFrac System, 100/120 V	10,735.00	113	732-4112	Bio-Scale Mini UNOsphere S Cartridge, 1 x 5 ml	116.00	64
731-8305	BioLogic LP/BioFrac System, 220/240 V	11,066.00	113	732-4114	Bio-Scale Mini UNOsphere S Cartridges, 5 x 5 ml	404.00	64
731-8320	MV-6 Sample Inject Valve	379.00	113, 114, 115	732-4120	Bio-Scale Mini Macro-Prep High Q Cartridges, 5 x 1 ml	165.00	64
731-8321	SV-5 Buffer Select Valve	950.00	113, 114	732-4122	Bio-Scale Mini Macro-Prep High Q Cartridge, 1 x 5 ml	67.00	64
731-8322	SV-3 Diverter/Bypass Valve	448.00	113, 114, 115	732-4124	Bio-Scale Mini Macro-Prep High Q Cartridges, 5 x 5 ml	233.00	64
731-8323	Gradient Mixer	764.00	113, 115	732-4130	Bio-Scale Mini Macro-Prep High S Cartridges, 5 x 1 ml	165.00	64
731-8324	BioLogic LP Optics Module	2,129.00	113	732-4132	Bio-Scale Mini Macro-Prep High S Cartridge, 1 x 5 ml	67.00	64
731-8336	BioLogic LP/Model 2110/LP Data View System, 110/120 V	10,116.00	113	732-4134	Bio-Scale Mini Macro-Prep High S Cartridges, 5 x 5 ml	233.00	64
731-8337	BioLogic LP/Model 2110/LP Data View System, 220/240 V	10,722.00	113	732-4140	Bio-Scale Mini Macro-Prep DEAE Cartridges, 5 x 1 ml	183.00	64
731-8338	BioLogic LP/BioFrac/LP Data View System, 110/120 V	11,342.00	113	732-4142	Bio-Scale Mini Macro-Prep DEAE Cartridge, 1 x 5 ml	67.00	64
731-8339	BioLogic LP/BioFrac/LP Data View System, 220/240 V	12,022.00	113	732-4144	Bio-Scale Mini Macro-Prep DEAE Cartridges, 5 x 5 ml	243.00	64
731-8350	BioLogic LP Starter Kit	90.00	113	732-4200	Bio-Scale Mini UNOsphere SUPra Affinity Cartridge, 1 x 1 ml	Inquire	S4, S7
731-8365	LP Data View Software for BioLogic LP System	1,079.00	113	732-4201	Bio-Scale Mini UNOsphere SUPra Affinity Cartridges, 5 x 1 ml	Inquire	S4, S7
731-9001	Econo Gradient Pump, 100/120 V	3,388.00	115	732-4202	Bio-Scale Mini UNOsphere SUPra Affinity Cartridge, 1 x 5 ml	Inquire	S4, S7
731-9002	Econo Gradient Pump, 220/240 V	3,388.00	115	732-4322	Bio-Scale Mini CHT Type I Cartridge, 1 x 5 ml	122.00	64
731-9004	Econo Gradient Pump Rack, preassembled	477.00	115	732-4324	Bio-Scale Mini CHT Type I Cartridges, 5 x 5 ml	477.00	64
731-9006	Econo Gradient Pump Fittings Kit	80.00	115, 122	732-4332	Bio-Scale Mini CHT Type II Cartridge, 1 x 5 ml	122.00	64
731-9007	Econo Gradient Pump Tubing Kit	32.00	115, 126	732-4334	Bio-Scale Mini CHT Type II Cartridges, 5 x 5 ml	477.00	64
731-9009	System Cable 23	161.00	115, 120, 122	732-4400	Bio-Scale Mini UNOsphere Rapid S Cartridges, 5 x 1 ml	Inquire	S7
731-9010	System Cable 22	161.00	115, 118, 122	732-4401	Bio-Scale Mini UNOsphere Rapid S Cartridge, 1 x 5 ml	Inquire	S7
731-9011	Splitter Valve Kit	1,088.00	115	732-4402	Bio-Scale Mini UNOsphere Rapid S Cartridges, 5 x 5 ml	Inquire	S7
731-9030	Econo Gradient Pump Combo 1, 100/120 V	3,911.00	115	732-4405	Bio-Scale Mini CFT Type II Cartridge, 1 x 5 ml	Inquire	S7
731-9032	Econo Gradient Pump Combo 1, 220/240 V	3,911.00	115	732-4406	Bio-Scale Mini CFT Type II Cartridges, 5 x 5 ml	Inquire	S7
731-9034	Econo Gradient Pump Combo 2, 100/120 V	4,700.00	115	732-4407	Bio-Scale Mini Cartridge Apatite Purification Kit	Inquire	S7
731-9036	Econo Gradient Pump Combo 2, 220/240 V	4,700.00	115	732-4408	Bio-Scale Mini Cartridge mAb Purification Kit	Inquire	S7
731-9038	Econo Gradient Pump Combo 3, 100/120 V	4,340.00	115	732-4600	Bio-Scale Mini Affi-Prep Protein A Cartridges, 5 x 1 ml	525.00	64, S9
731-9040	Econo Gradient Pump Combo 3, 220/240 V	4,340.00	115	732-4602	Bio-Scale Mini Affi-Prep Protein A Cartridge, 1 x 5 ml	442.00	64, S9
732-0111	Luer to M6 Adaptor Fittings Kit	100.00	64, 65, 123	732-4610	Bio-Scale Mini IMAC Cartridges, 5 x 1 ml	177.00	64, 93
732-0112	Luer to 10-32 Adaptor Fittings Kit	80.00	64, 65, 123	732-4612	Bio-Scale Mini IMAC Cartridge, 1 x 5 ml	127.00	64, 93
732-0113	Luer to BioLogic System Fittings Kit	52.00	64, 123, 124	732-4614	Bio-Scale Mini IMAC Cartridges, 5 x 5 ml	442.00	64, 93
				732-4620	Bio-Scale Mini Profinity GST Cartridges, 5 x 1 ml	322.00	64, 93
				732-4622	Bio-Scale Mini Profinity GST Cartridge, 1 x 5 ml	311.00	64, 93
				732-4624	Bio-Scale Mini Profinity GST Cartridges, 5 x 5 ml	1,098.00	64, 93
				732-4632	Bio-Scale Mini DEAE Affi-Gel Blue Cartridge, 1 x 5 ml	105.00	64
				732-4634	Bio-Scale Mini DEAE Affi-Gel Blue Cartridges, 5 x 5 ml	425.00	64
				732-4642	Bio-Scale Mini Affi-Gel Blue Cartridge, 1 x 5 ml	111.00	64

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732-4644	Bio-Scale Mini Affi-Gel Blue Cartridges, 5 x 5 ml	386.00	64	732-6703	Aurum CEX Mini Columns, 25	260.00	18
732-4646	Bio-Scale Mini Profinity eXact Cartridges, 2 x 1 ml	160.00	98, S9	732-6704	Aurum CEX Mini Columns, 100	464.00	18
732-4647	Bio-Scale Mini Profinity eXact Cartridges, 4 x 1 ml	304.00	98, S9	732-6706	Aurum AEX Mini Columns, 25	260.00	18
732-4648	Bio-Scale Mini Profinity eXact Cartridge, 1 x 5 ml	300.00	98, S9	732-6707	Aurum AEX Mini Columns, 100	464.00	18
732-4650	Bio-Scale Mini Ion Exchange Sampler Pack	217.00	65	732-6708	Aurum Affi-Gel Blue Mini Columns, 25	260.00	16
732-4651	Bio-Scale Mini Affinity Sampler Pack	526.00	65	732-6709	Aurum Affi-Gel Blue Mini Columns, 100	464.00	16
732-5304	Bio-Scale Mini Bio-Gel P-6 Desalting Cartridges, 5 x 10 ml	298.00	64, 93	732-6710	Aurum AEX Mini Kit, 2 pack	58.00	18
732-5312	Bio-Scale Mini Bio-Gel P-6 Desalting Cartridge, 1 x 50 ml	292.00	64, 93	732-6711	Aurum CEX Mini Kit, 2 pack	58.00	18
732-5314	Bio-Scale Mini Bio-Gel P-6 Desalting Cartridges, 5 x 50 ml	1,189.00	64, 93	732-6712	Aurum Affi-Gel Blue Mini Kit, 2 pack	58.00	16
732-6002	Bio-Spin 6 Columns, in SSC buffer, 25	107.00	10	732-6713	Aurum Serum Protein Mini Kit, 2 pack	75.00	16
732-6006	Bio-Spin 30 Columns, in SSC buffer, 25	107.00	10	732-6800	Aurum Total RNA 96 Kit, 2 x 96-well	463.00	4
732-6008	Bio-Spin Chromatography Columns, empty, 100	115.00	72	732-6801	Aurum Total RNA Elution Solution, 20 ml	13.00	4
732-6025	Bio-Spin Chromatography Columns, empty, 1,000	1,038.00	72	732-6802	Aurum Total RNA Lysis Solution, 85 ml	40.00	4
732-6030	InstaGene Matrix, 20 ml	45.00	8	732-6803	Aurum Total RNA Wash High-Stringency Solution, 150 ml	33.00	4
732-6100	Quantum Prep Plasmid Miniprep Kit, 100 preps	125.00	7	732-6804	Aurum Total RNA Wash Low-Stringency Solution, 60 ml	25.00	4
732-6120	Quantum Prep Plasmid Midiprep Kit, 20 preps	125.00	7	732-6805	Aurum DNase Dilution Solution, 20 ml	13.00	4
732-6165	Freeze 'N Squeeze DNA Gel Extraction Spin Columns, 25	52.00	9	732-6820	Aurum Total RNA Mini Kit, 50 preps	173.00	4
732-6166	Freeze 'N Squeeze DNA Gel Extraction Spin Columns, 100	152.00	9	732-6826	Aurum RNA Binding Mini Columns, 50	28.00	4
732-6200	Micro Bio-Spin 6 Columns, in SSC buffer, 25	73.00	10	732-6828	DNase I, RNase-free, lyophilized, 1 vial	47.00	4
732-6201	Micro Bio-Spin 6 Columns, in SSC buffer, 100	248.00	10	732-6830	Aurum Total RNA Fatty and Fibrous Tissue Kit, 50 preps	283.00	4
732-6202	Micro Bio-Spin 30 Columns, in SSC buffer, 25	73.00	10	732-6870	Aurum Total RNA Fatty and Fibrous Tissue Module, 50 preps	191.00	4
732-6203	Micro Bio-Spin 30 Columns, in SSC buffer, 100	248.00	10	732-6880	PureZOL RNA Reagent, 50 ml	87.00	4, 5
732-6204	Micro Bio-Spin Chromatography Columns, empty, 100	97.00	72	732-6890	PureZOL RNA Isolation Reagent, 100 ml	145.00	4, 5
732-6205	Micro Bio-Spin 6 Columns, in SSC buffer, 1,000	1,999.00	10	732-8102	2-Way Stopcocks, 10	34.00	73, 123
732-6206	Micro Bio-Spin 30 Columns, in SSC buffer, 1,000	1,999.00	10	732-8103	3-Way Stopcocks, 2 female luer to male luer, 10	40.00	123
732-6207	Mini Bio-Spin Chromatography Columns, empty, 100	Inquire	S2	732-8107	3-Way Stopcocks, nylon, 10	40.00	123
732-6213	Bio-Spin 6 Columns, in SSC buffer, 1,000	2,567.00	10	732-8202	Double Luer Tubing Adaptor	73.00	123
732-6221	Micro Bio-Spin 6 Columns, in Tris buffer, 25	73.00	10	732-8300	0.8 mm Barb to Barb Connectors, 25	34.00	123
732-6222	Micro Bio-Spin 6 Columns, in Tris buffer, 100	248.00	10	732-8302	0.8 mm Barb T-Connectors, 25	34.00	123
732-6223	Micro Bio-Spin 30 Columns, in Tris buffer, 25	73.00	10	737-1007	Econo-Column Chrom. Columns, 1 x 5 cm, 2	39.00	75
732-6224	Micro Bio-Spin 30 Columns, in Tris buffer, 100	248.00	10	737-1012	Econo-Column Chrom. Columns, 1 x 10 cm, 2	45.00	75
732-6225	Micro Bio-Spin 6 Columns, in Tris buffer, 1,000	1,981.00	10	737-1022	Econo-Column Chrom. Columns, 1 x 20 cm, 2	45.00	75
732-6226	Micro Bio-Spin 30 Columns, in Tris buffer, 1,000	1,981.00	10	737-1032	Econo-Column Chrom. Columns, 1 x 30 cm, 2	45.00	75
732-6227	Bio-Spin 6 Columns, in Tris buffer, 25	90.00	10	737-1052	Econo-Column Chrom. Columns, 1 x 50 cm, 2	45.00	75
732-6228	Bio-Spin 6 Columns, in Tris buffer, 100	307.00	10	737-1091	Econo-Column Chrom. Columns, 1 x 100 cm, 2	105.00	75
732-6231	Bio-Spin 30 Columns, in Tris buffer, 25	90.00	10	737-1093	Econo-Column Chrom. Columns, 1 x 120 cm, 2	127.00	75
732-6232	Bio-Spin 30 Columns, in Tris buffer, 100	307.00	10	737-1507	Econo-Column Chrom. Columns, 1.5 x 5 cm, 2	45.00	75
732-6250	Micro Bio-Spin 30 Columns, RNase-free, 25	87.00	10	737-1512	Econo-Column Chrom. Columns, 1.5 x 10 cm, 2	63.00	75
732-6251	Micro Bio-Spin 30 Columns, RNase-free, 100	296.00	10	737-1517	Econo-Column Chrom. Columns, 1.5 x 15 cm, 2	63.00	75
732-6300	PCR Kleen Spin Columns, 25	56.25	10	737-1522	Econo-Column Chrom. Columns, 1.5 x 20 cm, 2	63.00	75
732-6300EDU	PCR Kleen Spin Purification Module	45.00	S38	737-1532	Econo-Column Chrom. Columns, 1.5 x 30 cm, 2	63.00	75
732-6349	RNase A Solution, 4 mg/ml	16.00	7	737-1552	Econo-Column Chrom. Columns, 1.5 x 50 cm, 2	76.00	75
732-6400	Aurum Plasmid Mini Kit, 100 preps	150.00	6	737-1576	Econo-Column Chrom. Columns, 1.5 x 75 cm, 2	89.00	75
732-6400EDU	Aurum Plasmid Mini Purification Module	120.00	S38	737-1591	Econo-Column Chrom. Columns, 1.5 x 100 cm, 2	105.00	75
732-6470	Aurum Vacuum Manifold	590.00	4, 6	737-1593	Econo-Column Chrom. Columns, 1.5 x 120 cm, 2	127.00	75
732-6701	Aurum Serum Protein Mini Kit, 10 pack	353.00	16	737-1598	Econo-Column Chrom. Columns, 1.5 x 170 cm, 2	192.00	75
				737-2507	Econo-Column Chrom. Columns, 2.5 x 5 cm, 2	63.00	75
				737-2512	Econo-Column Chrom. Columns, 2.5 x 10 cm, 2	68.00	75

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737-2522	Econo-Column Chrom. Columns, 2.5 x 20 cm, 2	68.00	75	738-0024	Flow Adaptor Maintenance Kit, for 1.0 cm adaptor	40.00	77
737-2532	Econo-Column Chrom. Columns, 2.5 x 30 cm, 2	76.00	75	738-0025	Flow Adaptor Maintenance Kit, for 1.5 cm adaptor	40.00	77
737-2551	Econo-Column Chrom. Columns, 2.5 x 50 cm, 2	89.00	75	738-0027	Flow Adaptor Maintenance Kit, for 2.5 cm adaptor	40.00	77
737-2576	Econo-Column Chrom. Columns, 2.5 x 75 cm, 2	105.00	75	741-0002	BioFrac Fraction Collector	4,277.00	120
737-2591	Econo-Column Chrom. Columns, 2.5 x 100 cm, 2	150.00	75	741-0007	BioFrac Fraction Collector Fittings Kit	143.00	120
737-2593	Econo-Column Chrom. Columns, 2.5 x 120 cm, 2	178.00	75	741-0010	Rack Set F1	122.00	120
737-4006	Econo-Column Chrom. Columns, 1 x 5 cm, 4	71.00	75	741-0011	Rack Set F2	110.00	120
737-4011	Econo-Column Chrom. Columns, 1 x 10 cm, 4	78.00	75	741-0012	Rack Set F3	110.00	120
737-4021	Econo-Column Chrom. Columns, 1 x 20 cm, 4	81.00	75	741-0013	Rack Set H1	187.00	120
737-4031	Econo-Column Chrom. Columns, 1 x 30 cm, 4	84.00	75	741-0014	Rack Set H2	187.00	120
737-4051	Econo-Column Chrom. Columns, 1 x 50 cm, 4	89.00	75	741-0015	Rack Set H3	187.00	120
737-4150	Econo-Column Chrom. Columns, 1.5 x 5 cm, 4	78.00	75	741-0016	Rack Set H4	187.00	120
737-4151	Econo-Column Chrom. Columns, 1.5 x 10 cm, 4	109.00	75	741-0017	BioFrac Ice Bath/Microplate Rack	187.00	120
737-4152	Econo-Column Chrom. Columns, 1.5 x 20 cm, 4	110.00	75	741-0018	BioFrac Prep-20 Preparative Rack	122.00	120
737-4153	Econo-Column Chrom. Columns, 1.5 x 30 cm, 4	114.00	75	741-0020	BioFrac H4-High Rack Set, 4 x flatpack	122.00	120
737-4155	Econo-Column Chrom. Columns, 1.5 x 50 cm, 4	132.00	75	741-0088	BioFrac Microplate Drop Head Kit	69.00	120
737-4156	Econo-Column Chrom. Columns, 1.5 x 15 cm, 4	110.00	75	750-0111	EZLogic Integration Software Package	2,325.00	110
737-4250	Econo-Column Chrom. Columns, 2.5 x 5 cm, 4	109.00	75	750-0162	Check Valve, for BioLogic DuoFlow system	64.00	104
737-4251	Econo-Column Chrom. Columns, 2.5 x 10 cm, 4	119.00	75	750-0200	BioLogic DuoFlow Detector Kit	6,209.00	107
737-4252	Econo-Column Chrom. Columns, 2.5 x 20 cm, 4	121.00	75	750-0202	UV Optics Module, for BioLogic DuoFlow system	3,767.00	107
737-4253	Econo-Column Chrom. Columns, 2.5 x 30 cm, 4	134.00	75	750-0210	Flow Cell, preparative, 2 mm	1,159.00	107
737-4506	Econo-Column Chrom. Columns, 0.5 x 5 cm, 4	66.00	74	750-0212	Flow Cell, analytical, 5 mm	958.00	107
737-4511	Econo-Column Chrom. Columns, 0.5 x 10 cm, 4	71.00	74	750-0214	214 nm Conversion Kit, for serial #362BRXXXX detectors	2,173.00	107
737-4516	Econo-Column Chrom. Columns, 0.5 x 15 cm, 4	74.00	74	750-0216	Mercury Lamp, for BioLogic DuoFlow system	644.00	107
737-4521	Econo-Column Chrom. Columns, 0.5 x 20 cm, 4	78.00	74	750-0217	Zinc Lamp, for BioLogic DuoFlow system	968.00	107
737-4706	Econo-Column Chrom. Columns, 0.7 x 5 cm, 4	68.00	74	750-0220	Detector Filters, 254 and 280 nm	477.00	107
737-4711	Econo-Column Chrom. Columns, 0.7 x 10 cm, 4	76.00	74	750-0221	Detector Filter, 214 nm	337.00	107
737-4716	Econo-Column Chrom. Columns, 0.7 x 15 cm, 4	80.00	74	750-0223	Detector Filter, 365 nm	337.00	107
737-4721	Econo-Column Chrom. Columns, 0.7 x 20 cm, 4	80.00	74	750-0224	Detector Filter, 405 nm	337.00	107
737-4731	Econo-Column Chrom. Columns, 0.7 x 30 cm, 4	81.00	74	750-0225	Detector Filter, 436 nm	337.00	107
737-4751	Econo-Column Chrom. Columns, 0.7 x 50 cm, 4	87.00	74	750-0230	40 psi Backpressure Regulator	129.00	104, 107
737-5011	Econo-Column Chrom. Column, 5 x 10 cm, 1	127.00	75	750-0240	Conductivity Monitor, for BioLogic DuoFlow system	386.00	107
737-5021	Econo-Column Chrom. Column, 5 x 20 cm, 1	131.00	75	750-0251	BioLogic Rack	1,159.00	111
737-5031	Econo-Column Chrom. Column, 5 x 30 cm, 1	154.00	75	750-0260	Column Clamp Set	337.00	111
737-5051	Econo-Column Chrom. Column, 5 x 50 cm, 1	165.00	75	750-0261	BioLogic Rack Tray	238.00	111
737-5071	Econo-Column Chrom. Column, 5 x 70 cm, 1	246.00	75	750-0262	Vertical Bars, long, 64 cm, 2	238.00	111
737-6108	Econo-Column Jacketed Column, 0.7 x 15 cm, 1	210.00	76	750-0263	Vertical Bars, short, 10 cm, 2	108.00	111
737-6116	Econo-Column Jacketed Column, 1.0 x 15 cm, 1	221.00	76	750-0264	Horizontal Bar Kit	275.00	111
737-6601	Econo-Column Selection Pack A, 7 columns	210.00	75	750-0265	Bar Clamps, 5	265.00	111
737-6607	Econo-Column Selection Pack B, 6 columns	178.00	75	750-0268	BioLogic Rack Expansion Kit	611.00	111
737-9112	Econo-Column Reservoir, 500 ml	154.00	77	750-0415	SV5-4 Select Valve	907.00	109
737-9113	Econo-Column Reservoir, 1 L	210.00	77	750-0450	DynaLoop Parts Kit	196.00	109
738-0014	Econo-Column Flow Adaptor, 1.0 cm ID x 1–7 cm long	103.00	77	750-0451	DynaLoop 25 Kit	1,000.00	109
738-0015	Econo-Column Flow Adaptor, 1.0 cm ID x 1–14 cm long	103.00	77	750-0452	DynaLoop 90 Kit	1,250.00	109
738-0016	Econo-Column Flow Adaptor, 1.5 cm ID x 1–14 cm long	103.00	77	750-0455	DynaLoop Sliding Seal Replacement	453.00	109
738-0017	Econo-Column Flow Adaptor, 2.5 cm ID x 1–14 cm long	103.00	77	750-0471	Sample Injection Port	31.00	109
738-0018	Econo-Column Flow Adaptor, 5.0 cm ID x 1–14 cm long	504.00	77	750-0475	DynaLoop 25 Sample Loop, 25 ml, replacement	805.00	109
738-0019	Econo-Pac Flow Adaptor, 1.5 cm	103.00	66, 73, 77	750-0476	DynaLoop 90 Sample Loop, 90 ml, replacement	1,127.00	109
738-0022	Flow Adaptor Maintenance Kit, for 5.0 cm adaptor	40.00	77				

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750-0483	50 µl Tefzel Sample Loop	55.00	109	760-0036	BioLogic DuoFlow 10 System, 100/120 V, Japan/Korea	29,195.00	102
750-0490	Small-Volume Sample Loop Kit	181.00	109	760-0037	BioLogic DuoFlow 10 System, 100/120 V	29,195.00	102
750-0491	Large-Volume Sample Loop Kit	238.00	109	760-0038	BioLogic DuoFlow 10 System, 220/240 V	29,195.00	102
750-0492	100 µl PEEK Sample Loop	62.00	109	760-0046	BioLogic DuoFlow 10/BioFrac System, 100/120 V, Japan/Korea	31,871.00	102
750-0493	250 µl PEEK Sample Loop	62.00	109	760-0047	BioLogic DuoFlow 10/BioFrac System, 100/120 V	32,098.00	102
750-0494	500 µl PEEK Sample Loop	62.00	109	760-0048	BioLogic DuoFlow 10/BioFrac System, 220/240 V	31,871.00	102
750-0495	1 ml PEEK Sample Loop	62.00	109	760-0110	F10 Pump Kit, for BioLogic DuoFlow system.	4,998.00	104
750-0496	2 ml PEEK Sample Loop	84.00	109	760-0140	BioLogic DuoFlow F40 Workstation.	17,326.00	104
750-0497	5 ml PEEK Sample Loop	103.00	109	760-0150	BioLogic DuoFlow F10 Workstation.	15,675.00	104
750-0502	Signal Import Module.	816.00	107	760-0161	F10 Piston Seals, 2	96.00	104
750-0550	BioLogic HR System Fittings Kit	444.00	124	760-0162	F10 Piston Kit	298.00	104
750-0553	1/8" OD (3.2 mm) Pre-Pump Fittings, 5	66.00	124	760-0164	F10 Pump Maintenance Kit	337.00	104
750-0554	1/16" (1.6 mm) OD Post-Pump Fittings, 10	145.00	68, 78, 124	760-0170	Model MX-1 Mixer	845.00	104
750-0556	Ferrule and Lock Rings, for 1/16" OD tubing, 10	56.00	124	760-0171	Mixer Barrel Extender.	108.00	104
750-0559	Tefzel Caps, for 1/4–28 nut, 5	31.00	124	760-0172	F40 Piston Seals, 2	96.00	104
750-0560	BioLogic Fittings Tool.	14.00	124	760-0173	F40 Piston Kit	386.00	104
750-0561	Tefzel Union Adaptors, 1/4–28 to M6, 2	24.00	124	760-0180	F40 Pump Kit.	3,028.00	104
750-0562	Tefzel Unions, 1/4–28 to 1/4–28, 5	45.00	124	760-0184	F40 Pump Maintenance Kit	337.00	104
750-0563	Tefzel Plugs, 1/4–28 male connection, 5	21.00	124	760-0401	AVR7-3 Valve Rebuild Kit.	397.00	109
750-0564	HPLC Column to BioLogic System Adaptor Fittings, 5	51.00	124	760-0403	AVR9-8 Valve Rebuild Kit.	397.00	109
750-0565	Econo-Column to BioLogic System Fittings Kit	51.00	124	760-0406	AVR7-3 Automated Sample Injection Valve	1,957.00	109
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750-0568	UNO 10-32 Fittings Kit.	29.00	68, 78, 124	760-0411	SVT3-2 Valve Rebuild Kit.	96.00	109
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750-0570	Delrin Nuts, for 1/8" OD Tubing, 5	13.00	124	760-0604	PEEK Tubing, flow rates <10 ml/min, 1/16" OD, 30'	313.00	126
750-0571	Ferrule and Lock Rings, for 1/8" OD tubing, 5	27.00	124	760-0605	PEEK Tubing, flow rates >10 ml/min, 1/16" OD, 30'	108.00	126
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750-0603	Teflon FEP Tubing, 1/8" pre-pump connections, 15'	57.00	126	760-0652	F40 Tubing Kit	324.00	126
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751-0021	Bio-Scale CHT2-I Column, 7 x 52 mm	739.00	68	760-1300	BioLogic QuadTec Detector Kit	12,640.00	107
751-0023	Bio-Scale CHT5-I Column, 10 x 64 mm	1,165.00	68	760-1306	Standard Flow Cell, BioLogic QuadTec system.	1,011.00	106
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751-0095	Bio-Scale 10 Replacement Parts Kit	82.00	78				

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760-1332	Halogen Lamp, for BioLogic QuadTec system	191.00	107	760-4146	BioLogic DuoFlow QuadTec 40/BioFrac System, 100/120 V, Japan/Korea	42,495.00	103
760-1406	High-Speed Flow Cell, for BioLogic QuadTec system	1,761.00	107	760-4147	BioLogic DuoFlow QuadTec 40/BioFrac System, 100/120 V	42,603.00	103
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760-2003	BioLogic Maximizer Interconnect Tubing	90.00	126	800-2057	Cathode Holder (Inner), for Rotofor cell	81.00	238
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760-2040	BioLogic DuoFlow pH Monitor	1,632.00	107	A10-20012	Computer and Monitor, for ProteinChip SELDI systems	3,000.00	301
760-2042	pH Electrode	694.00	107	A30-00010	Bar Code Scanner	1,000.00	301
760-2044	Flow Cell, for BioLogic DuoFlow pH monitor	313.00	107	A30-10010	Uninterruptible Power Supply, 120 V	2,950.00	301
760-2046	pH Tubing Kit	68.00	107, 126	A30-10020	Uninterruptible Power Supply, 230 V	4,500.00	301
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760-2052	BioLogic DuoFlow Software Version 5.1 and Windows XP Upgrade Kit	3,686.00	110	ADR-3296	Optical Compression Pad	15.00	410
760-2053	BioLogic DuoFlow Software Version 5.1 for Windows XP Computers	3,071.00	110	ADR-3811	PCR Plate Lifter for 384-Well Plates	42.00	409
760-2200	BioLogic Maximizer Kit, 100/120 V	11,263.00	105	ADR-3841	Microseal 384 Plate Positioner	110.00	409
760-2204	BioLogic Maximizer Kit, 220/240 V	11,202.00	105	ADR-5001	Pressure Pad	15.00	410
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760-2237	BioLogic DuoFlow Maximizer 20 System, 110/120 V	41,388.00	103	ALD-0211G	16/16 Slide Chambers Dual Alpha Unit, front-loading	9,995.00	379
760-2238	BioLogic DuoFlow Maximizer 20 System, 220/240 V	40,337.00	103	ALD-1233GC	30/30 Dual Alpha Unit With Two Heated Lids	2,995.00	379
760-2246	BioLogic DuoFlow Maximizer 80 System, 110/120 V, Japan/Korea	40,337.00	103	ALD-1234GC	30/48 Dual Alpha Unit With Two Heated Lids	2,995.00	379
760-2247	BioLogic DuoFlow Maximizer 80 System, 100/120 V	40,337.00	103	ALD-1244GC	48/48 Dual Alpha Unit With Two Heated Lids	3,234.00	379
760-2248	BioLogic DuoFlow Maximizer 80 System, 220/240 V	40,337.00	103	ALP-2238G	High-Capacity Moto Alpha Unit With Heated Lid, 384-well	4,989.00	379
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760-2268	BioLogic DuoFlow Pathfinder 80 System, 220/240 V	48,290.00	103	C10-00002	ProteinChip Peptide Calibrant Kit	330.00	306
760-4036	BioLogic DuoFlow 40 System, 100/120 V, for Japan and Korea only	29,087.00	102	C10-00005	ProteinChip All-in-One Peptide Standard	330.00	306
760-4037	BioLogic DuoFlow 40 System, 100/120 V, Japan/Korea	29,195.00	102	C10-00006	ProteinChip Human Serum Control	40.00	306
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760-4136	BioLogic DuoFlow QuadTec 40 System, 100/120 V, Japan/Korea	31,990.00	103	C30-00002	ProteinChip SPA Matrix	330.00	305
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				C50-30011	ProteinChip Cassette-Compatible Bioprocessor	1,029.00	304
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C54-00018	ProteinChip Q Filtration Plate	367.00	306	HSP-9601B	Hard-Shell 96-Well Plates, clear well, white shell, 400	1,375.00	406
C54-00024	ProteinChip CM Spin Columns	262.00	306	HSP-9611	Hard-Shell 96-Well Plates, clear well, red shell, 50	199.00	406
C54-00027	ProteinChip IMAC Spin Columns	262.00	306	HSP-9615	Hard-Shell 96-Well Plates, white well, red shell, 50	220.00	406
C55-30033	ProteinChip Gold Array	260.00	304	HSP-9621	Hard-Shell 96-Well Plates, clear well, yellow shell, 50	199.00	406
C55-30044	ProteinChip PS10 Arrays	940.00	304	HSP-9625	Hard-Shell 96-Well Plates, white well, yellow shell, 50	220.00	406
C55-30058	ProteinChip PG20 Array	126.00	307	HSP-9631	Hard-Shell 96-Well Plates, clear well, blue shell, 50	199.00	406
C55-30082	ProteinChip RS100 Arrays	750.00	304	HSP-9635	Hard-Shell 96-Well Plates, white well, blue shell, 50	220.00	406
C57-30028	ProteinChip H4 Arrays	940.00	304	HSP-9641	Hard-Shell 96-Well Plates, clear well, green shell, 50	199.00	406
C57-30043	ProteinChip NP20 Arrays	940.00	304	HSP-9645	Hard-Shell 96-Well Plates, white well, green shell, 50	220.00	406
C57-30045	ProteinChip PS20 Arrays	940.00	304	HSP-9655	Hard-Shell 96-Well Plates, white well, white shell, 50	220.00	406
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C70-00068	ProteinChip System Starter Kit	950.00	S18	HSS-9601	Hard-Shell Full-Height 96-Well Semi-Skirted PCR Plates, clear shell, clear well, 25	89.00	406
C70-00069	ProteinChip Array Assortment Pack	1,000.00	304	HSS-9641	Hard-Shell Full-Height 96-Well Semi-Skirted PCR Plates, green shell, clear well, 25	89.00	406
C70-00070	ProteinChip Peptide Mass Calibration Kit	120.00	S18	HSS-9665	Hard-Shell Full-Height 96-Well Semi-Skirted PCR Plates, black shell, white well, 25	99.00	406
C70-00080	ProteinChip OQ Kit	1,155.00	302	HSS-9901	Hard-Shell Full-Height 96-Well Semi-Skirted PCR Plates With Bar Codes, clear shell, clear well, 25	95.00	406
C70-00081	ProteinChip System Check Kit	204.00	302	K10-00005	ProteinChip Antibody Capture Kit	1,317.00	307
C70-00082	ProteinChip Detector Calibration Kit	63.00	302	K10-00007	ProteinChip Serum Fractionation Kit	1,039.00	307
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CHO-1401	Chill-out Liquid Wax, red, 100 ml	37.00	412	K10-00010	ProteinChip U9 Buffer	187.00	307
CHO-1404	Chill-out Liquid Wax, red, 1 L	262.00	412	K20-00001	ProteinChip H50 Buffer	152.00	304
CHO-1411	Chill-out Liquid Wax, clear, optical grade, 100 ml	49.00	412	K20-00002	ProteinChip IMAC Buffer Set	310.00	304
CON-9601	Concord Polycarbonate Plates, natural, 25	99.00	408	K20-00003	ProteinChip CM Low-Stringency Buffer	152.00	304
CVR-9601	Dust Covers, for Concord plates, 25	59.00	408	K20-00004	ProteinChip CM High-Stringency Buffer	152.00	304
DAK-0000	DNA Engine Disciple Power Strip Accessory Kit	324.00	380	K20-00005	ProteinChip H50 Buffer	525.00	304
DAK-0001	DNA Engine Disciple USB Accessory Kit	214.00	380	K20-00006	ProteinChip IMAC Binding Buffer	525.00	304
DAK-0241	Rack Accessory, for DNA Engine Dyad/Dyad Disciple system in vertical configuration	1,094.00	380	K20-00007	ProteinChip CM Low-Stringency Buffer	525.00	304
DAK-0242	Baffle Accessory, for DNA Engine Dyad/Dyad Disciple system in horizontal configuration	544.00	380	K20-00008	ProteinChip IMAC Charging Solution	330.00	304
ECT-1000	Easy Cap Tool	15.00	404	K20-00009	ProteinChip IMAC Neutralizing Solution	330.00	304
ECT-2000	Strip Cap Tool	37.00	404	K20-30001	ProteinChip H50 Kit	1,076.00	307
HSP-3801	Hard-Shell 384-Well Plates, clear well, clear shell, 50	236.00	406	K20-30002	ProteinChip IMAC Kit	1,165.00	307
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HSP-3841	Hard-Shell 384-Well Plates, clear well, green shell, 50	236.00	406	M60-00007A	Bio-Plex Pro Mouse Cytokine 8-Plex Panel	Inquire	S25
HSP-3851	Hard-Shell 384-Well Plates, clear well, white shell, 50	236.00	406	M60-00003J7	Bio-Plex Pro Mouse Cytokine TH1/TH2 Panel	Inquire	S25
HSP-3861	Hard-Shell 384-Well Plates, clear well, black shell, 50	236.00	406	M60-009RDPD	Bio-Plex Pro Mouse Cytokine 23-Plex Panel	Inquire	S25
HSP-3865	Hard-Shell 384-Well Plates, white well, black shell, 50	288.00	406				
HSP-3866	Hard-Shell 384-Well Plates, black well, black shell, 50	288.00	406				
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MF0-005KMll	Bio-Plex Pro Human Cytokine 21-Plex Panel	Inquire.	S25	P20-10004	ProteinChip Differential Expression Profiling Advanced Course	4,000.00.	310
MLL-4801	Multiplate Low-Profile 48-Well Plates, natural, 50	110.00.	380,405	P20-10005	SELDI-Assisted Biomarker Purification Course	5,750.00.	310
MLL-4851	Multiplate Low-Profile 48-Well Plates, white, 50.	120.00.	384, 405	P20-10006	ProteinChip Pattern Analysis Software Familiarization Course	2,300.00.	310
MLL-9601	Multiplate Low-Profile 96-Well Plates, natural, 25	93.00.	405	P20-10011	SELDI Data Processing and Analysis Advanced Course	2,875.00.	310
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MLP-4801	Multiplate 48-Well Plates, natural, 50.	110.00.	405	PTC-0221G	Dyad Disciple Dual-Bay Thermal Cycler Chassis	9,864.00.	379
MLP-9601	Multiplate 96-Well Plates, natural, 25.	93.00.	382, 405	PTC-0240G	DNA Engine Tetrad 2 Thermal Cycler Chassis.	19,794.00.	379
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MLP-9621	Multiplate 96-Well Plates, yellow, 25	98.00.	405	RAD-0200G	Remote Alpha Dock System	2,295.00.	379
MLP-9631	Multiplate 96-Well Plates, blue, 25.	98.00.	405	RPS-0200	Fan Power Supply, for remote Alpha Dock system	295.00.	379
MLP-9641	Multiplate 96-Well Plates, green, 25.	98.00.	405	SLF-0201	Frame-Seal Slide Chambers, 9 x 9 mm, 100.	74.00.	412
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MSL-2012	Flat Auto-Sealing Microplate Lids, 4.	112.00.	411	SW1-000040	ProteinChip Software, Add 1 User to Network License	1,000.00.	309
MSL-2022	Arched Auto-Sealing Microplate Lids, 5.	112.00.	411	SW1-020010	ProteinChip Software Update	6,300.00.	309
MSL-2032	Arched Auto-Sealing Microplate Lids With Wide Tabs.	144.00.	411	SW2-000010	ProteinChip Pattern Analysis Software 5.0.	31,500.00.	309
MSO-1001	Optical Film Sealing Kit	147.00.	410	SW2-000030	ProteinChip Pattern Analysis 5.0 Add 1 User License	4,725.00.	309
MSP-1001	Microseal 'P' Pads, for Power Bonnet lids, 10.	88.00.	411	SW2-000050	ProteinChip Pattern Analysis Software 5.0 Upgrade	7,875.00.	309
MSP-1002	Microseal 'P+' Pads, for Moto Alpha lids, 10.	88.00.	411	SW3-020050	ProteinChip Data Manager Software, version 4.0, add 1 user	3,150.00.	S20
MSP-1003	Microseal 'P' Replacement Pads, for wide-tab autosealing lids, 10	88.00.	411	SW3-040010	ProteinChip Data Manager Software, Personal Edition, version 4.0.	12,600.00.	309, S20
MSP-3842	Microseal 384-Well Skirted Plates, v. 2, natural, 50	236.00.	407	SW3-040030	ProteinChip Data Manager Software, Enterprise Edition, version 4.0.	36,750.00.	309, S20
MSP-3846	Microseal 384-Well Skirted PCR Plates With Bar Codes, v. 2, natural, 50	252.00.	407	SW3-040050	ProteinChip Data Manager Software, Desktop Edition, version 4.0.	Inquire.	309, S20
MSP-3852	Microseal 384-Well Skirted Plates, v. 2, white, 50	252.00.	407	TBC-0802	0.2 ml 8-Tube Strips and Domed Cap Strips, natural, 20 pkg of 12	184.00.	403
MSP-3862	Microseal 384-Well Skirted Plates, v. 2, black, 50	252.00.	407	TBC-1202	0.2 ml 12-Tube Strips and Domed Cap Strips, natural, 20 pkg of 8	173.00.	403
MSP-3866	Microseal 384-Well Skirted PCR Plates With Bar Codes, v. 2, black, 50	220.00.	407	TBI-0201	0.2 ml Tubes Without Caps, natural, 1,000	53.00.	402
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