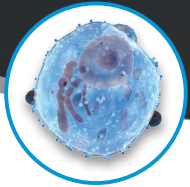


# Unrivaled LIFE SCIENCES

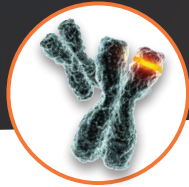
## Supplier Guide



CELL CULTURE  
AND ANALYSIS



MICROBIOLOGY



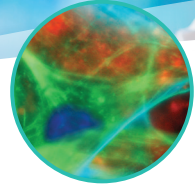
MOLECULAR  
BIOLOGY



PROTEIN  
BIOLOGY



CHROMATOGRAPHY



ANTIBODIES



 **BD**



 **BioTek**



**CORNING**



 **GE Healthcare**



**MILLIPORE  
SIGMA**



**R&D SYSTEMS**  
a biotechnol<sup>o</sup> brand



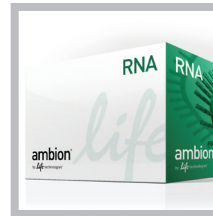
**Thermo**  
SCIENTIFIC



**applied  
biosystems**



**invitrogen**



**gibco**

## Abnova™

- Cell Lysates
- ELISA Kits
- In Situ Hybridization
- Monoclonal and Polyclonal Antibodies
- Recombinant Proteins

## Applied Biosystems™

- PCR, RT-PCR Reagents
- qPCR Reagents
- qPCR Instruments
- TaqMan™ qPCR Assays and Probes
- Thermal Cyclers

## BD Biosciences\*

- Antibodies
- Cytometric Bead Arrays
- Flow Cytometry Reagents
- Immunoassays

## Beckman Coulter\*

- Monoclonal Antibodies

## Bio-Techne

### R&D Systems

- Antibodies
- Elisa Kits
- Luminescence Assays
- Recombinant and Natural Proteins

### Boston Biochem

- Ubiquitin-Related Research Products

### Novus Biologicals

- Antibodies, Proteins, Lysates

### Tocris

- Biologically Active Small Molecules

## BioTek™ Instruments

- Absorption Readers
- Fluorescence Readers
- Luminescence Readers
- Microplate Dispensers
- Microplate Stackers
- Microplate Washers
- Multi-Mode Readers

## BTX Harvard Apparatus

- Electroporators, Cuvets and Electrodes

## Carestream Healthcare, Inc.

- Autoradiography Products

## Carl Zeiss

- Inverted Microscopes
- Stereo Microscopes
- Upright Microscopes

## Corning

- Assay Plates
- Axygen Next-Gen Sequencing Magnetic Bead Separation
- Axygen PCR Plastics
- Axygen Photodocumentation System
- Axygen Robotic Tips
- Cell Culture Consumables
- Cell Culture Inserts
- Cell Culture Reagents
- Classical Media
- Cryogenics Products
- Cytokines
- Fetal Bovine Serum
- Matrigel™ Matrix
- Microarray Slides and Kits
- Stem Cell Research Products
- Thermal Cyclers

## Decon

- Detergents
- Disinfectants

## Digilab, Inc.

- Hydroshear
- Hydroshear Plus

## Eppendorf North America

- Centrifuges
- Electroporators and Cuvets
- New Brunswick Scientific Incubators

- Shakers
- PCR Consumables
- Storage Microplates
- Thermal Cyclers

## Eurofins MWG Operon\*

- Custom Oligonucleotides
- SimpleSeq™ Sequencing Kits

## Fisher BioReagents

- Biochemicals
- Cell Culture Reagents
- Electrophoresis Reagents
- Microbiology Media
- PCR Reagents
  - Buffers
  - Molecular Weight Markers
  - Nucleotides
  - Taq Polymerase
- Restriction/Modifying Enzymes

## Fisher Scientific™

- Fisher Scientific™ accuSkan™ Readers
- Fisher Scientific Isotemp™ CO<sub>2</sub> Incubators
- Fisher Scientific Microplate Heater
- Fisher Scientific Microscopes
- Fisher Scientific Mini Electrophoresis System
- Fisher Scientific Washers
- FisherBiotech™ Autoradiography Products
- FisherBiotech Gel Boxes
- FisherBiotech Gel Dryers
- FisherBiotech PCR Enclosures
- FisherBiotech Transilluminators
- Fisherbrand™ Cryovials
- Fisherbrand Electroporation Cuvets
- Fisherbrand Erlenmeyer Style Shaker Flasks
- Fisherbrand Microscope Slides
- Fisherbrand PCR Consumables

## FOTODYNE\*

- Photodocumentation Systems
- Transilluminators

## GE Healthcare

- Amersham™ Membranes
- Autoradiography Film
- Centrifugation Media
- Chromatography Columns and Media
- Electrophoresis
- HyClone™ Cell Culture Media and Reagents
- HyClone Fetal Bovine Serum
- HyClone Growth Factors
- HyClone Stem Cell Research Products
- Nucleic Acid Labeling and Purification
- PCR Reagents
- Protein Labeling
- Whatman™ Array Slides
- Whatman Blotting Apparatus
- Whatman Filtration Plates

## GE Healthcare Continued

- Whatman FTA Products
- Whatman Transfer Membranes

## Gibco™

- Advanced (Reduced Serum) Media
- Cell Culture Media and Reagents
- Expi293™ and ExpiCHO™ Protein Expression Products
- Fetal Bovine Serum
- Geltrex™ Basement Membrane Matrix
- Neuronal Cell Culture Products
- Stem Cell Research Products

## Hofer

- 1D & 2D Electrophoresis
- Blotting Apparatus
- Electrophoresis Apparatus

## Power Supplies

## Invitrogen™

- Ambion™ Sample Prep
- Antibodies and Cytokines
- Antibody Arrays
- Anza™ Restriction Enzyme Cloning System
- Countess™ Automated Cell Counters
- Electroporation Systems, Accessories and Reagents
- EVOS™ Cell Imaging Systems
- Invitrogen GeneArt™ CRISPR
- Invitrogen GeneArt Engineered Cell Models
- Invitrogen GeneArt Gene Synthesis
- Invitrogen RNAi
- Novex™ Nucleic Acid Electrophoresis
- Novex Protein Electrophoresis
- PCR, RT-PCR Reagents
- PureLink™ Sample Prep
- Reagents for Labeling, Detection and Imaging
- Transfection Reagents
- TRIzol™ Reagents
- Western Blotting Detection Systems
- Western Blotting Reagents
- Western Blotting Transfer Systems

## Laxco

- SeBa™ Compound Upright Microscopes
- Stereo Microscopes
- Inverted Microscopes

## Lonza\*

- Cell Culture Media and Reagents
- FlashGel™ System
- Nucleic Acid Electrophoresis
- Protein Electrophoresis Reagents

## MilliporeSigma

- Amicon™ Protein Concentrators
- Antibodies
- Automated Cell Counter
- CalBiochem™
- Cell Culture Inserts
- Immobilized Hybridization/Transfer Membranes
- MultiScreen Products
- Novagen™
  - Protein Purification Reagents
  - Virus Purification Kits
  - Water Purification Systems
  - Western Detection Reagents and Instrumentation

## Mirus Bio™ Corporation\*

- DNA and RNA Transfection Reagents
- DNA Labeling Reagents
- Electroporation Kits
- In Vivo Delivery Systems
- Protein Expression Products

## MP Biomedicals

- Biochemicals and Reagents
- FastDNA™ SPIN Kits
- FastPrep™ Homogenizer Instruments
- Immuno Solutions
- MPure-12™ Nucleic Acid Purification System
- Radiochemicals
- Sample Preparation Systems

## Promega

- Apoptosis Assays
- Cell Viability and Cytotoxicity Assays
- DNA Purification Kits
- Kinase, Phosphatase Reagents
- PCR Reagents
- Reporter Gene Assay and Vectors
- Restriction/Modifying Enzymes
- RNA Purification Kits

- Transcription, Translation Kits
- Transfection Reagents

## Stemgent

- Alvetex™ 3-D Cell Culture Scaffold

## Sartorius™

- Bioreactors
- MultiBag RM Products
- Protein Purification

## Southern Biotechnology

- Monoclonal and Polyclonal Secondary Antibodies

## Spectronics Corporation

- Transilluminators
- Ultraviolet Equipment

## Spectrum

- Dialysis Tubing and Membranes

## Thermo Scientific™

- ART™ Pipette Tips
- BioMate™ Spectrophotometers
- Biosafety Cabinets
- DreamTaq DNA Polymerase
- EC Power Supplies
- Erie Scientific Microarray Slides
- FastDigest Restriction Enzymes
- Forma™ CO<sub>2</sub> Incubators
- GeneJet™ DNA/RNA Purification Kits
- Heracell™ CO<sub>2</sub> Incubators
- HPLC Instrumentation and Columns
- Hybridization Ovens
- KingFisher™ Systems
- Lab Vision™ Immunostaining Reagents
- Lab Vision Primary Antibodies
- Matrix™ Pipette, Pipette, Heat Sealers
- Maxima™ and Luminaris™ qPCR and RT-PCR Reagents
- MaxQ™ Shakers
- NanoDrop™ Spectrophotometers, Fluorometers
- Nicolet™ iS5 FT-IR Spectrometer
- NUNC™
  - Barnstead™ Water Purification Systems
  - Cell Array Products
  - Cell Culture Consumables
  - Cryogenics Products
  - HTS Assay Plates
  - Purification Products
- Owl™ Electrophoresis Apparatus
- Particle Technology Count Controls, Size Standards, Flow, Dyed, Fluorescent and Specialty Particles
- PCR Plastics
- Phire™ Hot-Start PCR Enzymes
- Phusion™ and Phire™ Direct PCR Kits
- Phusion High Fidelity PCR Enzymes
- Pierce™ Autoradiography Film
- Pierce Cell Lysis Reagents
- Pierce Photodocumentation Equipment
- Pierce Protein/Antibody Purification
- Pierce Protein Concentrators, Protein Function Reagents
- Pierce Western Detection Reagents
- Remel™/Oxoid™
  - Additives
  - Dehydrated Culture Media
  - Prepared Culture Media
  - Quality Control Organisms
- Sorvall™ Centrifuges
- Steri-cult CO<sub>2</sub> Incubators
- UV-Vis Spectrophotometers
- Water Purification System\*

## Ultraviolet Products (UVP)

- Photodocumentation Systems
- Transilluminators
- UV Equipment

\*Available in U.S. Only    Bold designates exclusive supplier through Fisher Scientific.

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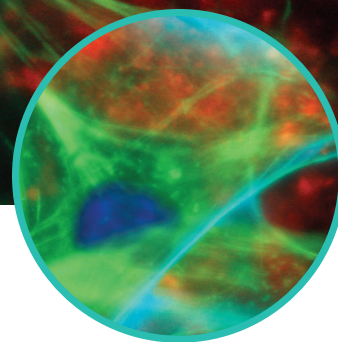
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Recently added to this portfolio are the BD OptiBuild™ Custom Reagents. This new product line consists of nearly 1,000 custom antibody-dye combinations featuring the brilliant violet and brilliant ultraviolet dye families. These new options allow users to further optimize their panel design by taking into account antigen expression, fluorochrome brightness, and laser upgrades.



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MilliporeSigma offers an extensive, focused portfolio of antibodies and assays. With the expertise of Upstate and Chemicon, MilliporeSigma provides a collection of validated antibodies with breadth and depth in major research areas — including neuroscience, epigenetics, cell signaling, cancer and cell structure — all backed by excellent service and support.



Abnova is the world's largest antibody manufacturer, with the capacity to generate 300 mouse monoclonal antibodies and 200 rabbit polyclonal antibodies per month. Departing from the traditional method of antibody production, Abnova takes a genomic/proteomic approach to antibody development. Its goal is to have at least one antibody for every human expressed gene in the human genome.



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- Secondary Antibodies
- Antibody Production and Purification

- Adhesion Molecules
- Angiogenesis
- Apoptosis
- B-cell and T-cell Markers
- Cancer
- Cell Cycle
- Cell Structure
- Cytokines
- DNA Replication and Repair
- ELISA

- Epigenetics
- Epitope Tags
- Flow Cytometry
- GPCRs
- Growth Factors
- Heat Shock Proteins
- Inflammation and Infectious Disease
- Ion Channels
- Metabolic
- Muscle Biology

- Neuroscience
- Proteolysis
- Signal Transduction
- Stem Cell
- Steroids, Steroid Receptors and Hormones
- Stress Response
- TGF-Beta Superfamily
- Transcriptional Regulation
- Western Blotting

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