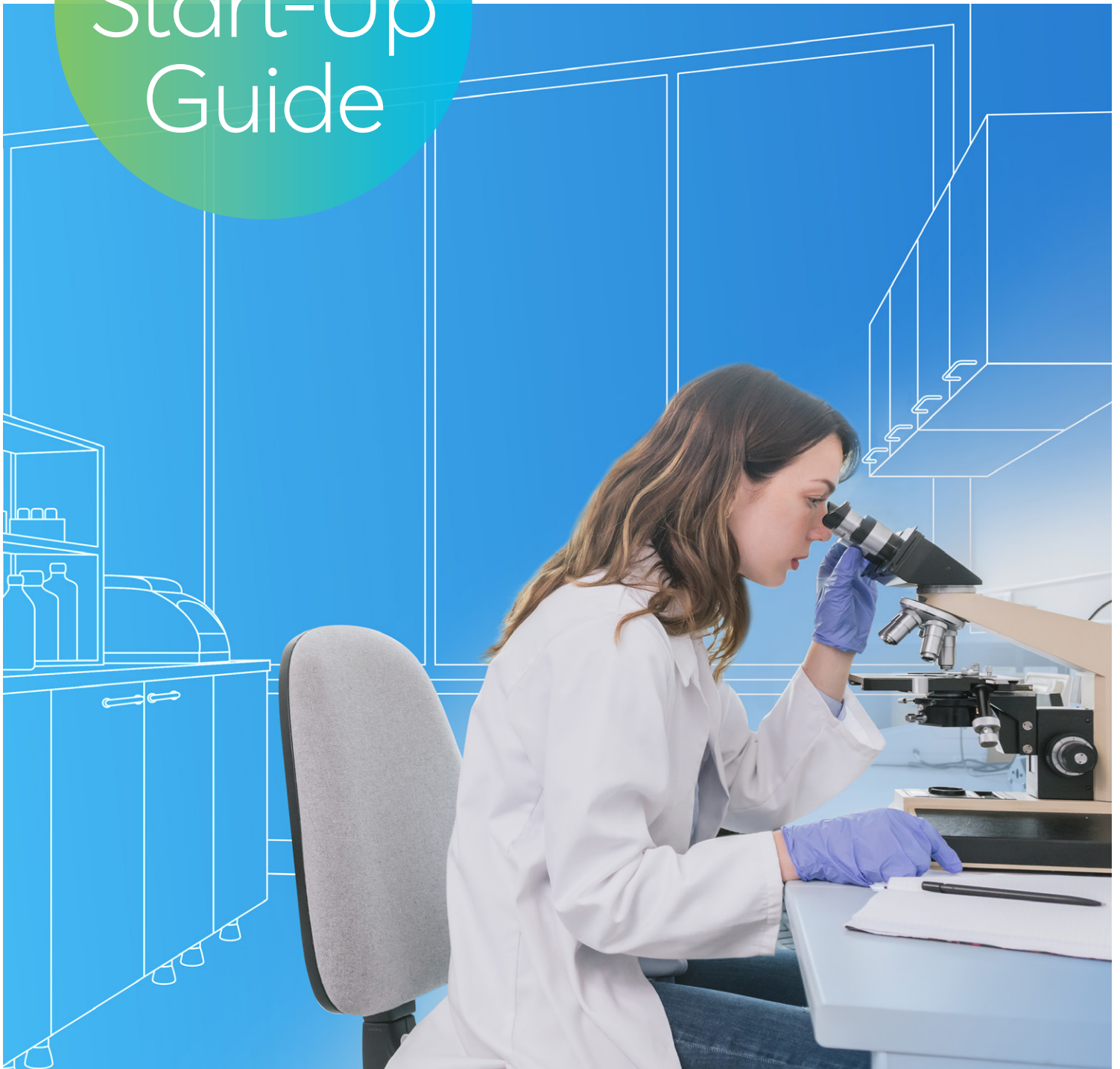


Lab Start-Up Guide

2023

Bring your lab to life with Avantor[®]





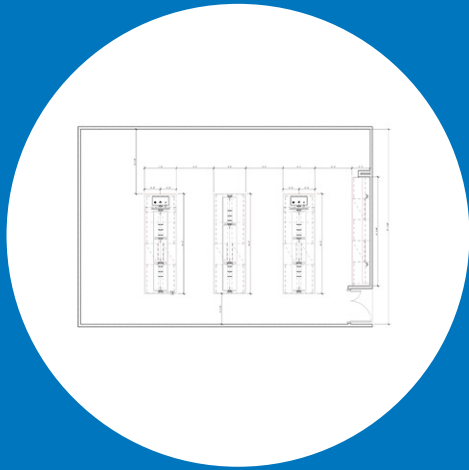
Setting science in motion to create a better world[®]

Your next innovation has the potential to solve some of the world's most complex challenges. We'd like to help.

Scientific breakthroughs begin with you. At Avantor[®], we share your passion for discovery and relentlessly advancing life-changing science.

That's why we focus on helping you meet your laboratory's productivity goals – whether through innovative laboratory design or optimizing scientific operations and workflows – our teams of experts are ready to assist you with the services and products you need, all backed by the industry-leading supply chain of our delivery channel, VWR[®].

Maximize your laboratory's productivity so you can focus on what you do best. Our Lab Start-up Guide can help.



Labs designed for your discovery

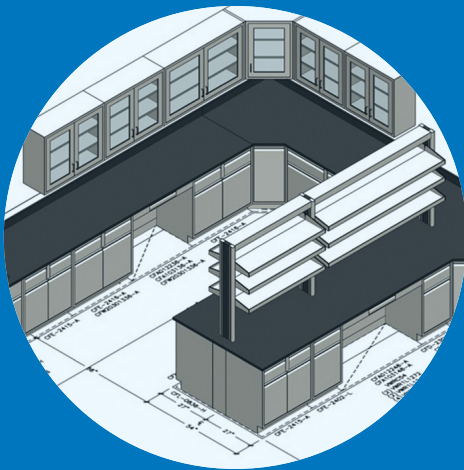
Move your science forward with our range of sophisticated design resources, workflow expertise and laboratory furniture. Avantor® leverages 35 years of expertise to make sure your lab has everything you need to make the next breakthrough discovery - that's science by design. Find inspiration for the design and configuration of your lab through one of our expansive lab lookbooks, or save time by partnering with a VWR® Furniture Specialist who can help you choose one of our pre-configured laboratory designs.

We bring innovative, technology-driven ideas to the crucial planning and design phase of laboratory set up with 3D visualization and project proposal tools. With the help of these tools, we'll lead you on a virtual walkthrough of your lab design prior to setup.

The tools you need, when you need them

Once you have a plan for your lab, Avantor is ready to provide laboratory furniture perfectly suited to meet your individual needs and preferences. Available in a variety of configurations and materials, our broad range of furniture and equipment offerings ensure we can meet any regulatory requirement necessary.

When time is of the essence, our fast-track inventory program VWR® REDISHIP can deliver essential laboratory furniture within a matter of days. Over the course of a project, production, and research needs can change at a moment's notice. You need a partner that can keep up with your work and deliver the quality products you need to stay on course.



Our value begins with what matters most to you and your goals.

SCOPE OF PRODUCTS AND SERVICES

When it comes to your work, having the right tools for the job can mean the difference between progressing and standing still. Our comprehensive range of high-quality products, teams of dedicated specialists, and convenient on-site services enable us to support you every step of the way in your mission to move science forward.

Choice is important, which is why Avantor® offers customers over 6 million quality products, including our own trusted brands available through VWR®.

TECHNICAL EXPERTISE

At Avantor®, our relationships are built on a foundation of trust, developed through effective partnerships and a spirit of collaboration. Each day at Avantor's 11 global innovation centers, world-class scientists and process experts collaborate with customers to solve complex challenges and help set science in motion.

We have specialists on hand — all up to date on the latest trends, regulations and developments in science — ready to partner with you, make recommendations, and develop a practical path toward your lab goals.

NETWORK AND INFRASTRUCTURE

With more than 30 manufacturing sites around the world and an efficient global distribution network, we are able to deliver products and services on demand to customers like you. The strength of our network and infrastructure makes us an ideal partner no matter where your lab is based.

Our offerings include both our trusted proprietary brands such as J.T. Baker and PROchievA, as well as a wide variety of products from our broad supplier network. This enables us to provide the workflow-driven, end-to-end lab furnishing solutions our customers need — from design and selection to acquisition and installation.

GLOBAL CUSTOMER ACCESS

Progress is possible wherever there are scientists at work, and our broad customer access enables us to play an important role in labs no matter where they are located. Our global customer channel allows us to serve more than 225,000 customer locations in over 180 countries around the world through both our global sales force and our e-commerce platform, VWR.com.

Customers are provided a user-friendly purchasing platform backed by a distribution network of more than 4,000 suppliers and more than 12,000 responsive associates in over 30 countries, making it easier than ever to get the products they need when they need them.

We're easy to work with

It's easy to get started with Avantor®. Our dedicated Welcome Team is ready to set up your new account and guide you through establishing credit limits, accessing restricted products, communicating billing preferences, and more.

WELCOME TEAM:

1-855-745-2685 | VWRWelcomeTeam@vwr.com

CUSTOMER SERVICE TEAM:

1-800-932-5000

TECHNICAL PRODUCT SUPPORT:

1-888-VWR-LINE (1-888-897-5463)

TechnicalProductSupportNA@vwr.com



Order tracking at your fingertips

It's easy to track your order at any time through vwr.com. Just tell us how you would like us to notify you, and we will let you know when your order ships and if there are any changes to the expected arrival date.

Innovate more quickly

Avantor Services offers a wide range of specialized services and digital tools that can help you meet difficult challenges. You select the services you need to help your lab reach peak efficiency and quality and to innovate more quickly.



Product checklist

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Lab Furniture



- Balance Table**
- Biosafety Cabinet**
- Carts**
 - Metal
 - Metal-Wire
 - Plastic
 - Platform
- Casework**
 - Plastic Laminate
 - Polypropylene
 - Stainless Steel
 - Steel
 - Wood
- Ceiling Panels/Overhead Service Carriers**
- Centralized Water Systems**
- Countertops**
 - Butcher Block
 - Epoxy
 - Phenolic
 - Plastic Laminate
 - Stainless Steel
- Drying Racks/Peg Boards**
 - Epoxy
 - Phenolic: Stainless Steel
- Environmental Walk-In Rooms**
- Eyewashes/Eyewash Stations**
- Faucets**
- Fittings**
- Fixtures**
- Flammable/Acid Safety Cabinets**
- Fume Extractors**
- Fume Hoods**
 - Ducted
 - Ductless
- Glassware Washers**
 - Freestanding
 - Undercounter
- Glove Boxes**
- Gowning Racks and Benches**
- High-Throughput Washers**
- Laboratory Chairs/Stools**
- Lockers**
 - Plastic Laminate
 - Steel
- Modular Workstations**
- Monitor Arms/CPU Holders**
- Portable Autoclaves**
- Prefabricated Cleanrooms**
- Seismic Fastening Systems**
- Shelving**
 - Metal-Wire
 - Phenolic
 - Plastic Laminate
 - Steel
- Sinks**
 - Epoxy
 - Plastic
 - Stainless Steel
- Steam Sterilization/Autoclaves**
- Storage Cabinets**
 - Plastic Laminate
 - Polypropylene
 - Stainless Steel
 - Steel
 - Wood
- Tables**
 - Stainless Steel
 - Steel
 - Wood
- Task Lighting**
- Undercounter Refrigerators and Freezers**
- Ventilated Enclosures**

Equipment



- Anaerobic Systems**
 - Chambers
 - Indicators
 - Jars
- Anesthesia Equipment**
- Autoclaves/Sterilizers**
 - Portable
 - Top-Loading
- Blenders**
- Cell Counters**
- Centrifuges**
 - Benchtop
 - Centrifugal Concentrators
 - Clinical
 - Floor/Ultra
 - Micro/Mini
 - Refrigerated
 - Rotors and Adapters
- Circulators/Chillers**
 - Benchtop
 - Floor
 - Heated and Refrigerated
 - Immersion
 - Refrigerated
- Cryogenic Storage**
 - Auto Fill Systems
 - Dewar Flasks
 - Labtop Coolers
 - Storage Tanks
- Dry Block Heaters**
- Electrophoresis Systems**
- Electroporation**
 - Cuvettes
 - Equipment
- Environmental Testing Chambers**
- Freeze Dry Systems**
- Glassware Washers**
 - Large Capacity
 - Mobile
 - Undercounter
- Homogenizers**
 - Bead Mill
 - Handheld
- Hot Plates and Stirrers**
 - Hot Plate Stirrers
 - Magnetic
 - Magnetic Hot Plate
 - Overhead
 - Stir Bars
- Imaging Systems**
- Incubators**
 - BOD/Refrigerated
 - CO₂
 - General Purpose
 - Hybridization
 - Shaking
 - Water-Jacketed
- Life Science**
 - Genomics
 - qPCR Thermal Cyclers
- Membrane Dispensers**
- Microtiter**
 - Shakers
- Ovens**
 - Cleanroom
 - Forced Air
 - General Purpose
 - Gravity Convection
 - Hybridization
 - Safety
 - Vacuum
- Power Supplies**
- Pumps**
 - Peristaltic
 - Syringeless
 - Tubing
 - Vacuum
- Refrigerators/Freezers**
 - Blood Bank
 - Chest
 - Chromatography
 - Compact
 - Explosion-Proof
 - Flammable Storage
 - General Purpose
 - Laboratory Pharmacy
 - Ultra-Low Temperature
 - Undercounter

Equipment



- Rotary Evaporators**
Replacement Glassware
- Shakers**
Benchtop
Incubating
Mini
Nutating
Orbital
Rocking
Rotating
- Tissue Grinders**
- Transilluminators**

- Ultrasonic Cell Disruptors**
- Ultrasonic Cleaners**
- Vortexers/Mixers**
Multi-Tube
Nutating
- Water Baths**
Circulating
General Purpose
Shaking
- Water Purification Systems**
De-Ionizer Cartridges

Fast track your lab furniture

When you need it now, VWR® REDISHIP delivers

Timelines are important, and when you need high-quality lab furniture delivered fast, trust VWR® REDISHIP to keep you on track. Our exclusive inventory program ensures delivery of essential lab furniture in a matter of days.

VWR® REDISHIP products include:

- Countertops
- Cabinets
- Chairs and stools
- Shelving
- Sinks
- Lighting



Contact your
VWR Furniture
Specialist at
www.vwr.com/furniture



Instruments



- Balances**
 - Analytical
 - Ergoclips
 - Industrial
 - Micro
 - Moisture Analyzers
 - Spatulas/Scoops
 - Top-Loading
 - Weigh Dishes
- Calculators**
- Calorimeters**
- Clocks**
- Colorimeters**
- Data Loggers**
 - Central Monitoring Systems
 - Portable
 - Temperature
- Digital Burettes**
- Electrochemistry**
 - Buffers
 - Conductivity Meters
 - DO Meters
 - Electrode Stands
 - Electrodes
 - ISE Meters
 - Multiparameter Meter/Printers
 - pH Meters
 - Printers
 - Stirrers
 - Storage Solutions
- Luminometers**
- Microplate Readers and Washers**
- Microscopes**
 - Adhesives
 - Cameras
 - Compound Microscopes
 - Cover Slips
 - Digital Microscopes
 - Dust Covers
 - Inverted Microscopes
 - Light Sources
 - Metallurgical Microscopes
 - Objectives
 - Slides
 - Stage Holders
 - Stains/Dyes
 - Stereo Microscopes
- Plates**
 - Reagents
- Refractometers**
 - Bench
 - Handheld
- Spectrophotometers**
 - Cuvettes
 - Double Beam
 - Single Beam
 - Split-Beam
 - UV/VIS
- Stopwatches**
- Timers**
- Titration**
 - Autosampler Titrators
 - Electrodes
 - Karl Fischer Titrators
 - Reagents
- Viscometers**

Life science



□ Cell Biology

- Antibodies
- Cell Culture Equipment
- Cellular Assays and Signal Transduction
- Extracellular Matrices and Coated Plates
- Immunoassays
- Media
 - Classical
 - Mycoplasma Detection and Removal
 - Serum
 - Serum-Free
 - Specialty
- Supplements & Antibiotics

□ Genomics

- Nucleic Acid Purification
 - Plasmid Purifications Kits
 - SNA/RNA Extraction Kits and Reagents
 - Clean-up Kits and Reagents
 - High Throughput and Automated Solutions
 - Homogenisers
 - Microvolume Spectrophotometers
- Electrophoresis and Detection
 - Agarose and Buffers
 - Markers and Dyes
 - Electrophoresis Systems and Power Supplies
 - Gel Documentation Systems
 - Transilluminators
- Amplification
 - PCR Tubes and Plates
 - End-point PCR Reagents
 - qPCR Reagents
 - cDNA Synthesis Reagents
 - RT-PCR Reagents
 - PCR and qPCR Cyclers
 - PCR Workstations
 - Plate Sealers
- Cloning, Gene Editing and Delivery
 - Competent Cells
 - Restriction Enzymes
 - Modifying Enzymes
 - Cloning Vectors and Kits
 - sgRNA (CRISPR)
 - Transfection Reagents
 - Electroporators
- Sequencing
 - NGS Library Prep
 - Nanopore Sequencing

□ Microbiology

- Anaerobic Supplies and Gas Generators
- Dehydrated Media
- Food Safety
 - Rapid Test
 - Sample Collection
- Microbiology Instrumentation

□ Proteomics

- Competent Cells
- Electrophoresis
 - Blotting
 - Power Supplies
 - Vertical Systems
- Peptide Synthesis
- Protein Concentration
- Proteins, Crosslinkers and Modification
- Protein Detection and Qualification
- Protein Extraction
- Protein Purification
- Reagents
- Transfection and Electroporators

Lab chemicals



- Acids, ACS Grade**
 - Formic
 - Nitric
 - Perchloric
 - Phosphoric
 - Sulfuric
 - Trifluoroacetic (TFA)
- Acids, High Purity**
 - Acetic
 - Hydrochloric
 - Hydrofluoric
 - Nitric
 - Phosphoric
 - Sulfuric
- Buffers, Reference**
 - Clear pH 4, pH 7, pH 10, and Others
 - Color-Coded Buffers
 - Ion Strength Adjustment (ISAB)
 - Phosphate, for BOD
 - Total Ionic Strength (TISAB)
 - Water Hardness Buffer
- Mobile Analytics**
 - Ion-Specific Tests
 - pH Indicator Papers
 - pH Test Strips
 - Reflectometry
 - Sanitizer Test Kits
 - Total Hardness
- Salts, ACS Grade**
 - Ammonium Nitrate
 - Calcium Carbonate
 - Potassium Iodide
 - Silver Nitrate
 - Sodium Chloride
 - Sodium Hydroxide
- Solutions: Normal, Molar and Percent**
 - EDTA
 - Formalin
 - Hydrochloric Acid
 - Potassium Hydroxide
 - Potassium Iodide
 - Sodium Hydroxide
- Solvents, ACS Grade**
 - Acetone
 - Chloroform
 - Ethanol
 - Ethyl Ether
 - Isopropanol (IPA)
 - Methanol
- Solvents, High Purity**
 - Acetonitrile
 - Dichloromethane (DCM)
 - Hexane
 - Methanol
 - Tetrahydrofuran (THF)
 - Water
- Solvents, HPLC Grade**
 - Acetonitrile
 - Dichloromethane (DCM)
 - Dimethylformamide (DMF)
 - Ethyl Acetate
 - Heptane
 - Hexane
 - Isopropanol (IPA)
 - Methanol
 - Tetrahydrofuran (THF)
 - Toluene
 - Water
- Standards, Organic and Inorganic**
 - Conductivity
 - Fluoride (EPA/APHA)
 - Ion Chromatography
 - Multi-Element Sets, for AA/ICP
 - Pesticide (EPA Methods)
 - Single Element, for AA/ICP
 - Total Organic Carbon (TOC)

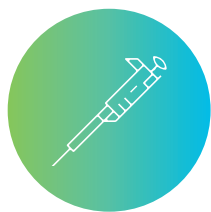
Glassware and plasticware



- Beakers***
- Bottles**
 - Caps/Closures
 - Centrifuge*
 - Environmental
 - Media*
 - Sampling*
 - Storage*
 - Wash
- Burets***
- Carboys**
- Cryogenic Vials**
 - Cryo Boxes/Racks
- Culture Tubes***
- Cuvettes***
 - Acrylic
 - Glass
 - Polystyrene
- Cylinders***
 - Graduated*
 - Volumetric*
- Desiccators**
- Flasks**
 - Boiling
 - Erlenmeyer*
 - Fernbach
 - Filtering
 - Nephelo
 - Shaker
 - Tissue Culture
 - Trypsinizing
 - Volumetric
- Funnels**
 - Disposable*
 - Filter*
- Jointed/Specialty Glassware**
- Microtiter**
 - Plates
- Petri Dishes***
- Plates**
 - Assay
 - Crystallography
 - Filter Plates
 - High Throughput Screening
 - Microliter
 - Optical
 - PCR
 - Sealing Mats and Films
- Rotary Evaporators**
 - Replacement Glassware
- Safety-Coated Glassware**
- Staining Dishes**
- Tissue Culture**
 - 3D and Confocal Dishes
 - Cell Chambers
 - Cell Slides
 - Cell Spreaders, Scrapers and Lifters
 - Cloning Cylinders
 - Filling Bells
 - Flasks
 - Gas Dispersion Tubes
 - Plates
 - Roller Bottles
 - Serological Pipets*
 - Solution Bottles
- Tubes**
 - Centrifuge*
 - Conical*
 - Culture (Disposable and Reusable)
 - Gas Dispersion
 - Microcentrifuge*
 - Microtubes
 - PCR
 - Racks
- Vials***

*Available in both glass and plastic.

Liquid handling



- Bottle-Top Dispensers**
- Digital Burettes**
- Pipet Controllers**
- Pipets**
 - Pasteur*
 - Serological*
 - Transfer
 - Volumetric*
- Manual Pipet Tips**
 - Beveled Point
 - Extended Length
 - Filtered
 - Gel-Loading
 - Low Retention
 - Reload Systems
 - Wide-Bore
- Pipettors**
 - Electronic
 - Fixed Volume
 - Multi-Channel
 - Single-Channel
- Repeat Dispenser Pipettors**
 - Dispenser Tips
- Robotic Pipet Tips**
 - 96 and 384 Tip Formats
 - Conductive
 - Filtered
 - Sterilized
 - Wide Bore

*Available in both glass and plastic.

Try our Pipet Tip Selector Guide
at [vwr.com/tipselector](https://www.vwr.com/tipselector)

Lab supplies



- Aluminum Foil**
- Bags**
 - Autoclavable
 - Biohazard
 - Resealable
 - Sample
 - Specimen
 - Sterile
 - Stomacher
 - Trash
- Bench Protectors**
- Bottle-Top Dispensers**
- Brushes**
- Bulbs**
- Bunsen Burners**
- Carts**
 - Hand Trucks
- Cell Counters**
- Cell Scrapers**
- Cell Spreaders**
- Chairs/Stools**
- Clamps/Supports**
 - Holders
 - Single
 - Support Jacks
 - Thermometer
 - Three-Prong
 - Two-Prong
- Cleaners/Disinfectants**
- Crucibles**
- Cryogenic Freezing**
 - Boxes/Racks
 - Cell Dividers
 - Cryogenic Vials
 - Labels
 - Monitors
 - Shipping Containers
- Dissecting Tools**
- Filtration**
 - Bottle-Top
 - Buchner Funnels
 - Capsules
 - Concentrators
 - Dialysis
 - Filter Holders
 - Funnels
 - Manifolds
 - Membranes
 - Paper (Qualitative, Quantitative, Glass Fiber)
 - Plates
 - Syringe Filters
 - Syringeless Filters
 - Tangential Flow Systems
 - Thimbles
 - Vacuum Filtering Flasks
- Handcare**
 - Alcohol Scrubs
 - Hand Soaps
 - Lotions
- Hemocytometers**
 - Disposable
 - Reusable
- Ice Buckets**
- Labels and Tapes**
 - Autoclave
 - Cleanroom
 - Labeling Systems
 - Markers/Pens
 - Sealing
- Liquid Handling**
 - Pipet Controllers
- Loops/Needles**
 - Contaminated Needle Sterilizers
 - Disposable
 - Reusable
 - Turntable
- Microscope Supplies**
 - Cover Glasses/Slips
 - Histology Cassettes
 - Immersion Oil
 - Markers/Pens
 - Mounting Media
 - Slide Dispensers
 - Slide Mailers
 - Slides
 - Staining Jars
 - Stain Removers
 - Stains
 - Storage Boxes

Lab supplies



- Mops**
 - Cleanroom
 - General Use
- Mortars and Pestles**
- Notebooks**
 - Cleanroom
 - General Use
 - Pens
- Packaging Supplies**
 - Bags
 - Hazardous/Infectious
 - Mailers
 - Shipping Containers
 - Shrink Wraps
 - Storage Boxes
- Paraffin**
 - Embedding Media Dispenser
- Parafilm**
- Racks**
 - Centrifuge Tube
 - Microcentrifuge Tube
 - Petri Dish
 - Test Tube
- Reservoirs**
 - Automation
 - Multi-Well
 - Single-Well
- Spatulas**
- Stainless Steel**
 - Beakers
 - Buckets
 - Scoops
 - Trays
- Stir Bars**
 - Retriever
 - Stirring Bar Garage
- Storage/Transport**
 - Mailers
 - Shippers
 - Temperature Assurance
- Swabs**
- Thermometers**
 - Dial
 - Digital
 - Glass
 - Humidity
 - Infrared
 - Mercury
 - Non-Mercury
 - Spirit-Filled
- Timers**
 - Alarms
 - Clocks
 - Digital
 - Memory
 - Stopwatches
- Tissue Wipes**
- Trash Bags and Liners**
- Tubing**
 - PVC
 - Silicone
- Weighing Supplies**
 - Boats
 - Dishes
 - Paper
 - Scoops
 - Spoons
- Wipers**
 - Alcohol
 - General Use

Laboratory checklist

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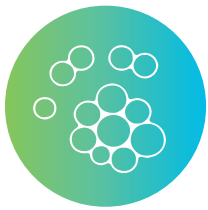
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Cell culture



- Animal and Human Sera**
 - Fetal Bovine Serum (FBS)
 - FBS Alternatives
 - Bovine Serum Albumin (BSA)
 - Other Sera
- Buffered Salt Solutions**
 - DPBS
 - EBSS
 - HBSS
 - PBS
 - Other
- Cell Counting**
 - Automated
 - Manual
 - Viability Reagents
- 3D Cell Culture**
 - 3D Cell Culture
 - Microcarriers
- Cell Culture Plasticware**
 - Bioproduction
 - Cell Factories
 - Cell Scrapers
 - Chamber Slides
 - Dishes
 - IVF Dishes
 - Media Bottles
 - Microplates
 - Multiwell Plates
 - Multiwell Plate Inserts
 - Roller Bottles
 - Shaker Flasks
 - Tissue Culture Flasks
 - Tubes
- Cell Culture Reagents**
 - Antibiotics and Antimycotics
 - Buffers
 - Cell Boost
 - Cell Dissociation/Detachment
 - Cell Separation
 - Coatings
 - Mycoplasma
 - Supplements
 - Water
- Cellular Assays**
- Classical Media**
 - DMEM
 - F-12
 - IMDM
 - Leibovitz's L-15
 - MCDB 131
 - MEM
 - RPMI
- Cryoware**
 - Cryovials
 - Cryoboxes
 - Freezing Containers
 - Freezing Media
- Electroporation**
 - Cuvettes
 - Electroporators
 - Reagents
- Filtration**
 - Capsule Filtration
 - Concentrators
 - Plates
 - Syringe Filters
 - TFF Systems
 - Vacuum Filtration Systems
- Instruments/Equipment**
 - Centrifuges
 - CO₂ Incubators
 - Homogenizers
 - Microscopes
 - pH Meters
 - Plate Readers and Washers
 - Roller Apparatus
 - Shakers
 - ULT Freezers
- Pipetting**
 - Pipet Aids
 - Pipet Tips
 - Pipettors
 - Serological Pipets
- Serum-Free and Specialty Media**
 - CHO
 - Insect
 - Serum-Free (General)
 - Stem Cell (Media, Cells and Kits)
 - Other
- Transfection Reagents**
 - Bioproduction
 - Standard

Genomics



Plasmid Purification

- Accessories
- Colony Screening
- Column Regeneration
- Endotoxin-Free Plasmid Isolation
- Rapid Plasmid Isolation
- Standard High Purity Plasmid Isolation
- Yeast Plasmid Isolation

Genomic DNA Purification

- Column Regeneration
- DNA from Biofilms
- DNA from Blood
- DNA from FFPE
- DNA from Fungi
- DNA from Insect and Invertebra
- DNA from Plants
- DNA from Saliva and Forensic Samples
- DNA from Soil, Stool and Water
- DNA from Tissue and Cells
- DNA from Yeast and Bacteria

RNA Purification

- Fungi, Yeast and Bacteria
- miRNA/mRNA Isolation
- RNA from Biofilms
- RNA from Blood
- RNA from FFPE
- RNA from Insect, Invertebra, Plants,
- RNA from Soil
- RNA from Tissue and Cells
- RNA Stabilization
- RNA Synthesis Reagents
- Total RNA Reagents

High Throughput DNA/RNA Purification

- Extraction Systems
- Filter Plates
- High Throughput Kits

PCR

- Direct PCR Reagents
- DNA Preparation
- dNTPs and Buffers
- High Fidelity PCR Reagents
- Hot Start PCR Reagents
- Long Range PCR Reagents
- PCR Cyclers
- Standard PCR Reagents

Real-Time PCR

- cDNA Synthesis
- Genotyping
- microRNA Profiling
- One-Step qRT-PCR Master Mixes
- qPCR Cyclers
- Reference Gene Assays
- SYBR Green qPCR
- TaqMan Probe qPCR

PCR Plastics and Hoods

- PCR Hoods
- PCR Plates
- PCR Tubes and Strips
- Rollers and Heat Sealers
- Sealing Films, Foils and Mats

DNA and RNA Labeling

- Arrays
- DNA
- RNA

Electrophoresis and Blotting

- Acrylamide and Gels
- Agarose and Gels
- Blotting
- Complete Gel Systems and Kits
- Gel System, Horizontal
- Gel System, Vertical
- Loading Dyes and Buffers
- Markers and Ladders
- Power Supplies
- Running Buffers
- Stains

Detection

- Gel Documentation
- Gel Systems
- Spectrophotometers and Plate Readers
- UV/Radiation Protection

DNA/RNA Clean-Up

- DNA/RNA Clean-Up
- DNA/RNA Gel Extraction
- PCR Clean-Up

Modifying and Restriction Enzymes

- Electroporation
- Genome Editing
- Inhibitors
- Modifying
- Restriction

Genomics



❑ Cloning and Synthetic Biology

- Competent Cell Generation Kits
- Competent Cells
- DNA Assembly
- Induction Reagents
- PCR Cloning Kits
- Site Directed Mutagenesis
- Vectors and Expression Systems

❑ Transfection

- Reagents
- Buffers

❑ Electroporation

- Cuvettes and Accessories
- Electroporators
- Reagents

❑ Analysis

- DNA Shearing System
- Epigenetics
- Microarray Instrumentation
- Microarray Preparation
- Microarray Slides and Hybridization Chambers
- Next Generation Sequencing
- Oligo HPLC
- Sanger Sequencing

❑ Equipment and Instruments

- Block Heaters
- Centrifuges
- Cryogenic Storage
- Homogenizers
- Hot Plate Stirrers
- Incubators
- Incubators, CO₂
- pH Meters
- Refrigerators and Freezers
- Shakers/Rockers
- Thermometers
- Vacuum Concentrators
- Vortexers
- Water Baths
- Water Systems

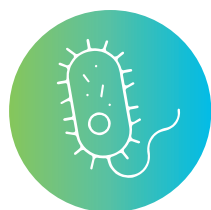
❑ Liquid Handling

- Aspirating, Transfer and Pasteur Pipets
- Cryogenic Plastics
- Culture Tubes
- Genomic Pipet Tips
- Laboratory Plasticware
- Microcentrifuge Tubes
- Pipet Controllers
- Pipet Tips
- Pipettors
- Plates
- Reservoirs
- Robotic Tips
- Sealing Films, Foils and Mats
- Serological Pipets
- Tube Racks
- Tubes, Centrifuge, Conical Bottom
- Tubes, Centrifuge, Oak Ridge
- Tubes, Library and Storage

❑ Lab Essentials

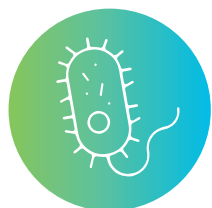
- Alcohols and Solvents
- Cleaning and Disinfection
- Eyewear
- Forceps
- Gloves, Cryogenic
- Gloves, Disposable
- Gloves, Heat Resistant
- Lab Coats
- Safety
- Safety Cabinets
- Seating
- Shelving
- Timers

Microbiology



- Agars**
- Air Samplers**
- Anaerobic Chambers**
- Antisera**
- ATP Bioluminescence Systems**
- Autoclave Assurance Products**
- Autoclaves/Sterilizers**
- Bags**
 - 95kPa
 - Autoclavable
 - Biohazard
 - Sample/Specimen
 - Stomacher
- Balances**
- Baths, Water**
- Beakers***
- Blenders/Stomachers**
- Bottles**
- Brushes**
- Bunsen Burners**
- Cell Counters**
 - Automated
 - Hemocytometers
- Cell Spreaders**
- Cleaners/Disinfectants**
- Contact Plates**
- Dilution Vials**
- DNA Probe Assays**
- Dry Block Heaters**
- Electrochemistry**
 - Buffers
 - Electrodes
 - ISE
 - pH
 - Stands
 - Storage Solutions
- Electrophoresis**
 - Buffers
 - Dyes/Stains
 - Electrophoresis Units
 - Imaging Systems
 - Power Supplies
- ELISA Readers/Systems**
- ELISA Kits/Assays**
- Eye Wash Stations and Safety Showers**
- Eyewear**
- Fermentors**
- Filtration**
 - Bottle-Top
 - Manifold
 - Membranes
 - Membrane Dispensers
 - MicroFunnels
 - Peristaltic Pump
 - Vent Devices
- Flasks**
- Fume Hoods**
- Glassware Washers**
- Gloves**
- Homogenizers/Blenders**
- Hot Plates**
- Immunodiffusion Kits and Supplies**
- Incubators**
- Lab Coats**
- Labels and Tape**
 - Markers/Pens
- Liquid Handling**
 - See page 15 for a complete list of Liquid Handling supplies.
- Loops/Needles**
 - Disposable
 - Incinerator/Sterilizer
 - Reusable
 - Turntable
- Media, Prepared**
 - Bottled
 - Chromogenic
 - Plated
 - Tubed
- Media, Dehydrated**
 - Animal Based
 - Irradiated
 - Vegetable Based
- Membrane Filters**
- Membrane Nutrient Pads**

Microbiology


 Microbiology Reagents and Consumables

Antibiotics
Culture Tubes
Flasks and Caps, Erlenmeyer
Loops and Needles, Inoculation
Petri Dishes, Microbiology
Premixed Media and Agar
Ready-to-Use Liquid Media
Ready-to-Use Plated Media

 Microfunnels and Filter Funnels
 Microparticles/Beads, Magnetic
 Microplate Readers and Washers

Fluorometers
Luminometers
Multimedia Readers

 Microscope Slides

Bonded
Control
Plain

 Microscope Supplies

Bibulous Paper
Cover Glasses/Slips
Markers
Mounting Media
Slide Dispensers
Slide Mailers
Slides
Stains
Storage Boxes

 Microscopes
 Mops
 Molecular Diagnostics (PCR/qPCR)
 Ovens
 Petri Dishes*
 Plate Pourers and Stackers
 Prepared Media
 Pumps and Vacuums
 Rapid Tests

Lateral Flow
Reagents

 Reference Microorganisms
 Refrigerators/Freezers
 Reservoirs
 Shakers
 Sharps Containers
 Spatulas
 Spectrophotometers

Cuvettes

 Sponges

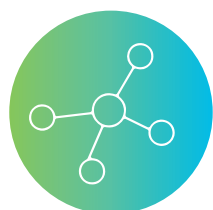
Sampling

 Stains and Dyes
 Sterilizers
 Stir Bars
 Swabs
 Thermal Cyclers
 Thermometers
 Timers
 Tubing
 Vials*
 Vortexers/Mixers
 Water Purification Systems

De-Ionizer Cartridges

*Available in both glass and plastic.

Proteomics



PROTEIN EXPRESSION

- Protein Expression**
 - Mammalian
 - Routine
 - Ultra-Pure
 - Tightly Controlled
- Prokaryotic Cells**
 - Competent Cells
 - Electroporation
 - Induction Reagents
 - PET Vectors for Gateway Cloning
- Transfection**
 - Insect Cells
 - Mammalian Cells
- Antibiotics**

PROTEIN EXTRACTION

- Lysis and Extraction Enhancement**
 - Protease Inhibitor Cocktails
 - Protease Inhibitors
 - Phosphatase Inhibitor Cocktails
- Prokaryotic, Yeast, Plant and Insect Cells**
- Mammalian Cells**
 - Cytoplasmic/Mitochondrial Protein Extraction
 - Cytoplasmic/Nuclear Protein Extraction
 - Membrane Protein Extraction
 - Sub-Cellular Protein Extraction
 - Total Protein Extraction
- Human Plasma/Serum**
- Detergents**
- Cell Disruption**

PROTEIN PURIFICATION

- Affinity Purification**
 - Coupling Reagents and Kits
 - Fusion-Tag Removal
 - GST-Tag
 - His-Tag
 - Protein A and Protein G
 - Strep-Tag
- IEX Purification**
 - Anion/Cation Exchange
- Size Exclusion (SEC)**
- Hydrophobic Interaction (HIC)**

- Mixed-Mode**
- Empty Columns**
- Ultrafiltration**
 - Spin Devices
 - UF Plates
 - TFF
- Dialysis**
 - Ready-to-Use
 - Tubing
 - Tubing Accessories
- Clean-Up**

PROTEIN ANALYSIS AND DETECTION

- Protein Quantification Assays**
- Electrophoresis**
 - 2D
 - Acrylamide
 - IEF
 - Loading Buffers
 - Pre-Cast Gels
 - Power Supplies
 - Protein Markers
 - Running Buffers
 - Stains and Dyes
 - Vertical Gel Tanks and Blotting System
- Western Blotting**
 - Autoradiography Films and Accessories
 - Blocking, Wash and Transfer Buffers Kits
 - Blotting Membranes
 - Blotters
 - Chemi-Luminescent Labeling and Detection Reagents
 - Fluorescent Labeling and Detection Reagents
 - Stripping Buffers
- Mass Spectrometry**
 - Analysis Tools
 - Sample Preparation
- Imaging Systems**
- Instruments**
 - Dispensers
 - Microplate Readers
 - Spectrophotometers
 - Washers

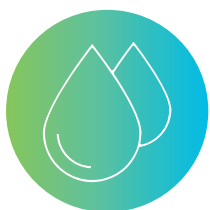
Chemicals/petrochemicals



- Balances**
 - Analytical
 - Micro
 - Spatulas/Scoops
 - Top-Loading
 - Weigh Dishes
- Baths, Water**
 - Circulating
 - General Purpose
 - Shaking
- Beakers***
- Beard Covers**
- Bottle Carriers**
- Bottle-Top Dispensers**
- Bouffant Caps**
- Centrifuges**
 - Benchtop
 - Floor/Ultra
 - Micro/Mini
 - Refrigerated
- Chemical Aprons**
- Chemical/Biological Storage Cabinets**
- Cleaners/Disinfectants**
- Cylinders**
- Desiccators**
- Electrochemistry**
 - Buffers
 - Conductivity
 - DO
 - Electrodes
 - ISE
 - Multiparameter
 - pH
 - Stands
 - Storage Solutions
- Environmental Monitoring and Gas-Detection Products**
- Eye Wash Stations and Safety Showers**
- Eyewear**
- Face Masks**
- Filtration**
 - Bottle-Top
 - Buchner Funnels
 - Filter Holders
 - Funnels
 - Membranes
- Flasks**
- Frocks**
- Fume Hoods**
 - Ducted
 - Laminar Flow
- Funnels**
 - Disposable*
- Gloves**
 - Chemical
 - General Use
 - Heat-Resistant
- Jointed Glassware**
- Lab Coats**
- Laboratory Glassware**
- Labels and Tapes**
 - Cleanroom
 - Labeling Systems
 - Markers/Pens
- Liquid Handling**
 - See page 15 for a complete list of Liquid Handling supplies.
- Notebooks**
 - Cleanroom
 - General Use
- Ovens**
 - Cleanroom
 - Economy
 - Forced Air
 - General Purpose
 - Gravity Convection
 - Hybridization
 - Safety
 - Vacuum
- PTFE Lined Glassware & Plasticware**
- Refrigerators/Freezers**
 - Chest
 - Compact
 - Explosion-Proof
 - Flammable Storage
 - General Purpose
 - Undercounter
 - Upright
- Reservoirs**
- Respirators**

Papers (Qualitative, Quantitative, Glass Fiber)
Syringes
Syringeless Filters
Vacuum

Chemicals/petrochemicals



- Rotary Evaporators**
- Safety Cans**
- Safety Signs**
- Sleeves**
- Sorbents/Spill Kits/Mats**
- Stirrers**
 - Magnetic
 - Magnetic Hot Plate
- Thermometers**
- Timers**
- Tubes**
 - Centrifuge*
 - Conical*
 - Microcentrifuge*
 - Microtubes
 - PCR
 - Racks
- Tubing**
 - PVC
 - Silicon

*Available in both glass and plastic.

Cleanroom/controlled environments



- Aprons**
- Bags**
- Beard Covers**
- Bouffant Caps**
- Brushes**
- Carts**
- Coveralls**
- Curtains**
- Detergents/Disinfectants**
- Dispensers**
- Documentation**
- Dusters**
- Electronic Grade Chemicals**
- Fingercots**
- Foils**
- Frocks**
- Glove Liners**
- Gloves**
 - Glove Dispensers
- Goggles/Glasses**
- Gowning Benches**
- Hand Care**
- HEPA Filtration Systems**
- Hoods**
 - Fume
 - Laminar
- Hoods/Head Covers**
- Lab Coats**
- Masks**
- Mats**
- Mops and Squeegees**
- Portable Cleanrooms**
- Racks**
- Safety Cabinets**
- Sealer and Adhesives**
- Shelving**
- Shoe/Boot Covers**
- Sleeves**
- Spill Control**
- Static Control Devices**
- Sterilizers**
- Swabs and Applicators**
- Tacky Mats**
- Tapes**
- Tubing**
- USP Chemicals**
- Vacuum Cleaners**
- Water Purification**
- Wipers**
- Workstations**

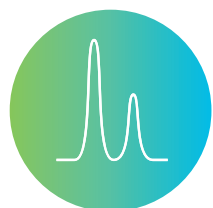
Microscopy



- Bottles**
 - Media*
 - Sampling*
 - Wash
- Bulbs**
- Cell Counters**
- Cleaners/Disinfectants**
- Dissecting Tools**
- Eyewear**
- Fluorometers**
- Gloves**
 - Chemical
 - General Use
- Hemocytometers**
 - Disposable
 - Reusable
- Immersion Oil**
- Lab Coats**
- Labels and Tapes**
 - Labeling Systems
 - Markers/Pens
- Liquid Handling**
 - See page 15 for a complete list of Liquid Handling supplies.
- Microscope Supplies**
 - Cover Glasses/Slips
 - Mounting Media
 - Slide Dispensers
 - Slide Mailers
 - Slides, Bonded
 - Slides, Control
 - Slides, Plain
 - Staining Jars
 - Stains
 - Storage Boxes
- Microscopes**
 - Camera
 - Compound
 - Digital
 - Dust Covers
 - Inverted
 - Light Sources
 - Slides
 - Stereo
- Petri Dishes***
- Photodocumentation**
- Plates**
- Sleeves**
- Spectrophotometers**
 - UV/Vis
- Staining Dishes**
- Stains**
- Tissue Culture**
 - Cell Spreaders and Scrapers
 - Flasks
 - Plates
 - Serological Pipets*
- Tissue Wipes**
- Wipers**
 - Alcohol
 - General Use

*Available in both glass and plastic.

Chromatography



AA Accessories

Bio-Chromatography

Buffers

Bulk Media

- Alumina
- Ion-Exchange
- Irregular and Spherical Silica
- Normal Phase
- Reversed Phase

CE and CE/MS Capillaries

Flash Chromatography

- Columns
- Empty Glass Columns
- Instruments
- Solvents

Gas Generators

- Flame Ionization Detectors (FID)
- Makeup
- Hydrogen
- Nitrogen
- Zero-Air

GC Accessories

- Column Organizers
- Fittings/Frits/Ferrules
- Flow Meters
- Gas Regulators
- Inlet Sleeves
- Leak Detectors
- Maintenance Kits
- Test Standards
- Tool Kits
- Tubing

GC Columns

- Capillary Columns
- Column Liners
- Packed Columns

GC Instruments

- Autosamplers
- Gas Management
- Parts and Supplies

HPLC Accessories

- Detectors
- Fittings/Frits/Ferrules
- Flow Meters

- Fraction Collectors
- Maintenance Kits
- Solvent Reservoir Systems
- Tool Kits
- Tubing

HPLC Columns

- Affinity
- APN
- Chira
- FPLC Columns
- GPC
- Guard Columns
- HIC
- HILIC
- Ion Exchange
- LC and LC/MS Columns
- Multi Phase
- Normal Phase
- Polymeric
- Prep Columns
- Reversed Phase
- SEC
- SFC
- Silica
- UHPLC

HPLC Instruments

- Autosamplers
- HPLC Detectors
- HPLC Pumps
- HPLC and LC/MS Systems
- LC-MS
- Parts and Supplies

ICP Accessories

Instrumentation

- Autosamplers
- Compressors
- Flash/Purification Systems
- Fraction Collectors
- Gas Generators
- High- and Low-Pressure Fluidic Valves
- HPLC and LC/MS Systems
- Peristaltic Pumps
- Solvent Recyclers
- Vacuum Pumps

Liquid Handling

See page 15 for a complete list of Liquid Handling supplies.

Chromatography



Low/Medium Pressure LC

Sample Preparation

- 96-Well Plates
- Filter Funnels
- Filter Paper
- Polymeric Based
- QuEChERS
- SPE Cartridges
- SPE Columns
- SPE Discs
- Silica Based
- SLE Cartridges
- Spin Devices
- Syringe Filters
- Vacuum Filtration
- 96-Well Filtration Plate Format

Silica Gels

Solvents

- Custom Blends
- High Purity
- HPLC Grade
- HPLC Pre-mixed Mobile Phases
- HPLC Acids and Salts
- LC-MS Grade
- Low Water Grade
- Standards

Solvent Waste System

- DIY Safety Vapor Traps
- DIY Solvent Waste System
- Solvent Safety Caps
- Solvent Waste Caps
- Solvent Waste Containers
- Solvent Level Sensors

Syringe Filters

- Analytical Syringe Filters
- HPLC Syringe Filters
- LC/MS Certified Syringe Filters

Syringeless Filters

Syringes

- Autosampler
- Glass
- Manual
- Needle/Plunger Repair Kits
- Polypropylene

TLC

- Accessories
- Developing Chambers
- Paper
- Plates
- Sheets

Vials

- 96-Well Format
- Autosampler
- Caps/Septa
- Certified/MS Certified
- Convenience Kits
- Crimp Top
- Crimpers
- Glass
- Headspace
- IC Polyvials
- Inserts
- Kits
- Polypropylene
- Pre-Assembled
- RSA
- Screw Top
- Snap Top
- VOA

Clinical



- Blood Bank**
 - Blood Typing Tubes, Prelabeled
 - Centrifuges
 - Copper Sulfate Solutions
 - Crossmatch Racks
 - Dilution Tubes
 - Disposable Culture Tubes
 - Disposable Pasteur Pipets
 - Disposable Transfer Pipets
 - Dry Bath/Block Heaters
 - Exam Gloves
 - Forceps
 - Labels/Labeling Systems
 - Light Boxes
 - Light Meters
 - Mixers
 - Pipet Tips (Robotic)
 - Pipets
 - Plasma Thawers/Freezers
 - Profile Trays (High/Low)
 - Reagents
 - Refrigerators
 - Saline
 - Shipping and Transport
 - Storage
 - Temperature Monitoring
 - Thermometers
 - Viewers
 - Washers
- Clinical Centrifuges**
 - Blood Bank
 - Coagulation/Hematology
 - Cytology
 - Horizontal
 - Micro/Mini
 - Serofuges
- Clinical Chemistry**
 - Chemistry Analyzers
 - Chromatography
 - Controls
 - Drugs of Abuse Collection Kits
 - Drug Abuse Testing
 - Electrophoresis Products
 - Gases and Gas Measurement
 - Glucometers
 - Glucose Beverages
 - Glucose Testing
 - Immunoassays
 - Instrument Calibrators, Solutions and Accessories
 - Pipet Tips
 - Pipets
 - Pipettors
 - Reagents
 - Serum Filters
- Coagulation**
 - Bleeding Time Devices
 - Blood Sampling Devices
 - Fibrometer Supplies
- General Safety**
 - Air Monitors
 - Autoclavable Bags
 - Bottle-Top Dispensers
 - Broken Glass Disposal Cartons
 - Eyewear
 - Formalin Spill Kits
 - Gloves
 - Lab Coats
- Hematology**
 - Blood Dispensers
 - Blood Mixers
 - Calibrators, Controls and Reagents
 - Cell Counters
 - Centrifuges
 - ESR Testing
 - Hemacytometer Cover Glasses
 - Hemacytometers, Disposable
 - Hemacytometers, Reusable
 - Microhematocrit Supplies
 - Sickle Cell Testing
 - Saline
 - Slides
 - Stains and Dyes
- Immunology/Serology**
 - Diagnostic Test Kits
 - Disposable Tubes
 - Plates
 - RPR Card Readers
 - Sample Collection
 - Tubes
- Laboratory Chemicals, Solvents, Stains, Dyes and Fixatives**
- Microbiology**
 - Anaerobic Incubation Systems
 - Antibiotics and Antimycotics
 - Cell Counters
 - Collection and Transport
 - Dehydrated Media

Clinical



Diagnostic Test Kits
 Hemacytometers, Disposable
 Hemacytometers, Reusable
 Identification Reagents and Additives
 Microscope Slides
 Prepared Media
 Quality Control
 Rapid Tests
 Slides
 Stains
 Stool Collection and Parasitology
 Susceptibility Media

Molecular Diagnostics

Amplification
 Autoradiography
 Biohazard Disposal
 Chemiluminescence
 Electrophoresis
 Enzymes
 Instruments
 Media Reagents
 Pipet Tips
 Pipets
 Pipettors
 Protein Chemistry
 RNA Purification
 Tissue Culture
 Ultraviolet

Phlebotomy/Specimen Collection

Blood Collection Sets
 Blood Collection Tubes
 Blood Drawing Chairs
 Dressings
 Gloves
 IV Supplies
 Lancets
 Luer Adapters
 Needle/Tube Holders
 Needles and Syringes
 Organizers

Pathology Supplies
 Serum/Plasma Filters
 Sharps Containers
 Site Preparation
 Specimen Cups
 Tourniquets
 Trays
 Tube Closures

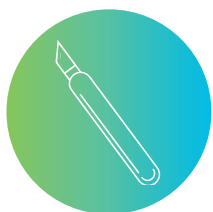
Surgical Supplies

Bandages
 Gauze
 Gloves
 IV Solutions
 Sterilization Pouches
 Surgical Instruments
 Sutures

Urinalysis

Centrifuges
 Controls
 Hydrometers
 Midstream Collection Kits
 Refractometers
 Specimen Containers
 Stains
 Strainers
 Test Strips
 Transfer Pipets
 Tubes
 Urinalysis Systems
 Urinometers

Histology/pathology



Cytology

- Biopsy Scrapers
- Brushes
- Cervical Cell Collectors
- Cyto Slides
- Fixatives
- Funnels
- Pap Smear Test Kits
- Spin Columns
- Stains and Reagents

Microtomy

- Blades
- Cryostats
- Freeze Sprays
- Hot Plates
- Microscope Slides, Bonded
- Microscope Slides, Control
- Microscope Slides, Plain
- Microtomes

Specimen Collection and Grossing

- 95KPa Packaging
- Bags, Biohazard
- Bags, Specimen
- Biopsy Punches
- Compliant Mailers/Shippers
- Containers
- Dissecting Boards
- Forceps
- Gloves
- Prefilled Formalin
- Razors
- Scalpel Blades and Handles
- Scalpels
- Scissors
- Temperature Assurance Packaging

Specimen Processing

- Base Molds
- Cassettes, Cassette Storage and Accessories
- Embedding Systems
- Flotation Baths
- Formaldehyde/Formalin
- Fume Control and Monitoring
- Labelers/Markers
- Paraffin
- Paraffin Dispensers
- Tissue Processors

Staining

- Cover Glass Dispensers
- Cover Glasses
- Coverslippers
- Immersion Oils
- Mounting Media
- Slide Accessories
- Slide Stainers
- Slide Storage
- Slides
- Specialty Stains
- Stain Remover
- Staining Jars and Dishes
- Stains and Reagents

Water Purification Systems

- De-Ionizer Cartridges

Safety and industrial supplies



SAFETY SUPPLIES

- Automated External Defibrillators (AEDs)
- Biohazardous Waste Containers
- Bottle Carriers
- Bottle-Top Dispensers
- Broken Glass Disposal Cartons
- Chemical-Resistant Apparel
- Chemical/Biological Storage Cabinets
- Environmental Monitoring and Gas Detection Products
- Ergonomic Floor Mats and Shoe Inserts
- Eye Wash Stations and Safety Showers
- Eye Protection and Goggles
- First Aid Kits
- Gas Regulators
- Gloves
 - Chemical-Resistant
 - Cut-Resistant
 - Disposable Exam
 - Temperature-Resistant
- Glove Box Holders
- Glove Liners
- Hand Soap
- Hearing Protection
- Lab Coats
- Radiation Protection Products
- Respirators
 - Disposable
 - Powered-Air
 - Reusable
- Safety Cabinets
- Safety Cans
- Safety Signs
- Sharps Containers

- Sleeves
- Sorbents/Spill Kits/Mats

INDUSTRIAL SUPPLIES

- Adhesives, Sealants and Tape
- Batteries
- Chemicals, Lubricants and Paints
- Electrical Lighting
- General Office Supplies
- Hand Tools
- Janitorial and Cleaning Supplies
- Material Handling and Storage
- Power Tools
- Welding Supplies



Money-saving offers

Section	Supplier	Page
Analytical Chemistry / LC-MS		
Buy a Pure Chromatography System and get \$2,500 in Flashpure Cartridges FREE	Buchi Corporation	36
High Purity Water, buy three and get one FREE	Ricca Chemical Company	36
Stock your lab with Thermo Scientific Chemicals and chemistry swag	Thermo Scientific	36
Buy \$250 in VWR Chemicals BDH® products and select \$250 in VWR Chemicals BDH® products FREE	VWR Chemicals BDH	38
Buy any Avantor® Ace® Column and get a bottle of VWR Chemicals BDH® solvents FREE	VWR Chemicals BDH	37
Cellular Biology		
Receive three bottles of FBS for the price of two	Avantor	40
Buy a Brand® Single Channel Pipette Set and get a FREE electronic single channel or eight channel pipette PLUS two FREE tip boxes	BrandTech Scientific	39
Purchase a a ClonePix™ Colony Picker, SpectraMax Multi-Mode Microplate Reader, or an ImageXpress Pico Imager and get up to 25% off each product	Molecular Devices, LLC	39
Genomics		
Buy an AriaMx with a SYBR® filter and get an additional filter for \$1	Agilent	41
30% off the purchase of a UVP GelSolo	Analytik Jena US LLC	42
Purchase a QTOWER®3 at a special discounted price	Analytik Jena US LLC	41
Purchase a UVP ChemStudio Touch Imaging System at a special discounted price	Analytik Jena US LLC	41
Purchase a UVP SOLO ELITE at a special discounted price	Analytik Jena US LLC	42
Buy a Western Imaging System and get a reagent starter kit for FREE	Azure Biosystems	43
Save for six months on Cytiva products and get a free welcome basket	Cytiva	44
One-time 40% discount on all of the high-quality reagents you need to get your lab started	New England Biolabs	42
Furniture		
Buy a REDISHIP LOGIC® Biosafety Cabinet and receive a free portable table	Labconco Corporation	45
Buy a Metro MYCART™ with built-in Microban® protection and get one antimicrobial cart FREE	Metro	45
General Laboratory Necessities		
Buy a R-300 and I-300 Controller and get a V-300 Vacuum Pump	BUCHI Corp	46
Buy an ELGA PURELAB® Water Purification System and get up to \$500 or \$1,500 of free consumables	ELGA LabWater	46
Buy \$250 of any Borosil® products and get \$250 of Borosil® products FREE	Foxx Life Sciences	46
Buy one Vactrap™ 2 R System and get a free tubing extension	Foxx Life Sciences	48
Buy two cases of PUREGRIP® Clear or Amber Glass Media Bottle and get one case FREE	Foxx Life Sciences	47
Buy two EZBio® Single-Use Sterile Bottles Assembly and get one FREE	Foxx Life Sciences	47
Buy two EZFlow® Sterile Syringe Filters and get one FREE	Foxx Life Sciences	48
Buy any three units of Globe Glass™ Laboratory Glassware and get one unit FREE	Globe Scientific	49
Receive a free EU Pharmacopeia STABLCA® Reference Suspension Kit with the purchase of a TL2350	Hach	50
Receive a free PH Buffer Set with the purchase of any HQ™ Series Portable Meter	Hach	50
Receive a free TNTPLUS® Ammonia Kit with the Purchase of a DR3900™ Spectrophotometer	Hach	50
Receive up to \$1,500 in METTLER TOLEDO accessories with your purchase	METTLER TOLEDO	51
Up to 35% off on select Arium® Mini Ultrapure Water Systems	Sartorius	50
Buy a VWR® A-Series Balance and receive a VWR® P-Series Balance FREE	VWR	52
Buy three VWR® Carboy with VersaCap and get one FREE	VWR	47
Buy one case of VWR® disposable gloves and receive one case FREE	VWR	53
Purchase a VWR® CryoPro® BR-1 Rack System at special discounted pricing	VWR	51

PROMO CODE 5926

UP TO \$2500

BUCHI

PURE CHROMATOGRAPHY SYSTEMS AND FLASHPURE CARTRIDGES

BUY A PURE CHROMATOGRAPHY SYSTEM AND GET \$2,500 IN FLASHPURE CARTRIDGES FREE

- Pure space: Compact and clever design
- Pure safety: Protection for out-of-hood use
- Pure simplicity: Intuitive and convenient operation



Description	Cat. No.
Pure C-810 Flash Chromatography System with UV-Vis Detection	76316-224
Pure C-815 Flash Chromatography System with UV-Vis and ELSD Detection	76316-226
Pure C-850 Flash & Prep HPLC Purification System with UVis and ELSD Detection	76316-228
Get \$2,500 in Flashpure Cartridges free with purchase of one of the above items	
Cartridge FP EcoFlex Silica 4G BX20	76197-010
Cartridge FP EcoFlex Silica 12G BX18	76197-012
Cartridge FP EcoFlex Silica 25G BX12	76197-014
Cartridge FP EcoFlex Silica 40G BX12	76197-016
Cartridge FP EcoFlex Silica 80G BX10	76197-018
Cartridge FP EcoFlex Silica 120G BX10	76197-020
Cartridge FP EcoFlex Silica 220G BX6	76197-022
Cartridge FP EcoFlex Silica 330G BX5	76197-024
Cartridge FP EcoFlex Silica 800G BX3	76197-026
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PROMO CODE 5928

thermo
scientific

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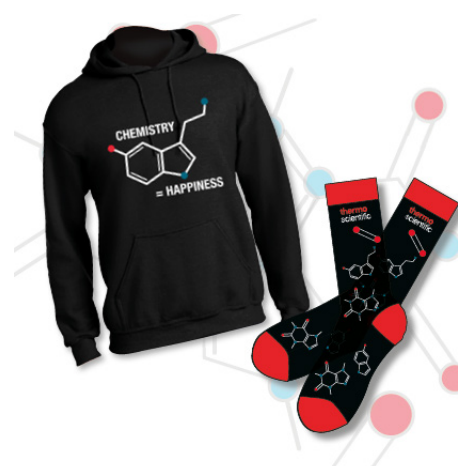
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STOCK YOUR LAB WITH THERMO SCIENTIFIC CHEMICALS AND CHEMISTRY SWAG

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 - Spend \$150 and get chemistry socks
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- Chemists ready to assist you in selecting the right products
- Full documentation with every product



RICCA is the premier choice for all your water needs. We offer the broadest line of water types, packaging and testing configurations. Our state-of-the-art water and quality systems at multiple facilities means rapid manufacturing and delivery to anywhere in North America. With the tightest specifications in the industry, you can expect only the best.

Description	Size	Cat. No.
Water, ACS Reagent Grade, ASTM Type I, ASTM Type II	4 L	RC91501
Water, ACS Reagent Grade, ASTM Type I, ASTM Type II	20 L	RC91505
Water, USP/EP Purified	4 L	RC9190
Water, USP/EP Purified	20 L	RC9190-5
Water, USP Purified STERILE Filtered, WFI Quality	20 L	RCR9192000-20S
Water, HPLC Grade ACS Reagent Grade, Suitable for Liquid Chromatography	4 L	RC9153-1
Water, LC-MS Grade	4 L	RCR9154000-4C

FREE
CHEMISTRY
SWAG

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Designed for a wide range of chromatographic applications

AVANTOR® ACE® COLUMNS

BUY ANY AVANTOR® ACE® COLUMN AND GET A BOTTLE OF VWR CHEMICALS BDH® SOLVENTS FREE!

Provide great reproducibility and column lifetime. These columns are available in a wide range of particle sizes and dimensions from capillary to preparative. The columns are designed for a wide range of chromatographic applications, offering great performance with acidic, basic and neutral molecules.

- Ultra-high purity, base deactivated silica with exceptional reproducibility
- Ideal for a wide range of analytes differing in hydrophobicity
- Wide range of particle sizes (2 to 10 µm) and complementary phases

Additionally, columns are made with high quality stainless steel for U-HPLC applications and a long lifetime.

TERMS AND CONDITIONS: Buy one column and you qualify for a BDH solvent for free.

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START**

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VWR CHEMICALS BDH® SOLVENTS FOR HPLC

BUY ANY AVANTOR® ACE® COLUMN AND GET A BOTTLE OF VWR CHEMICALS BDH® SOLVENTS FREE!

Manufactured to the most stringent requirements both in Europe and the USA.

- Designed to meet demanding analytical and quality control requirements
- Filtered down to 0.2 µm level and bottled under Nitrogen
- Packed in specially treated glass bottles to ensure low conductivity and long shelf life
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From its founding in 1908 in London as The British Drug Houses, VWR Chemicals BDH® has steadily evolved and grown to be recognized as a major supplier of laboratory and analytical grade chemicals throughout the world.

The comprehensive range of products offered in North America represents our ongoing commitment to providing high-quality, affordable chemicals and reagents for research, environmental testing, and quality control.

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TERMS: Promotion applies to any VWR Chemicals BDH-branded product available on vwr.com. To qualify, purchase a minimum of \$250 in VWR Chemicals BDH products in one order. Customers may spend up to \$1,000 to receive a maximum of \$1,000 in FREE VWR Chemicals BDH product. Limit one redemption per lab. Value of free product is based on Avantor list price.



Experience | Value | Results

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OVER \$500 VALUE



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- Buy a BRAND® Single Channel Pipette Set
 - Get a FREE electronic single channel or eight channel pipette
 - PLUS two FREE tip boxes, 1000- and 200-ml tip box includes 5 boxes @ 96 each

Precision workmanship, ergonomic design and high-grade materials make the BRAND® Transferpette® S Pipettes a lab favorite.

Description	Size	Unit	Cat. No.
Transferpette® S Single Channel Package Set 1	5 Pipettes: D2.5, D10, D20, D200, D1000	5 Pipettes	76383-092
Transferpette® S Single Channel Package Set 2	5 Pipettes: D10, D100, D200, D1000, D5000	5 Pipettes	76383-090



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UP TO \$600 VALUE

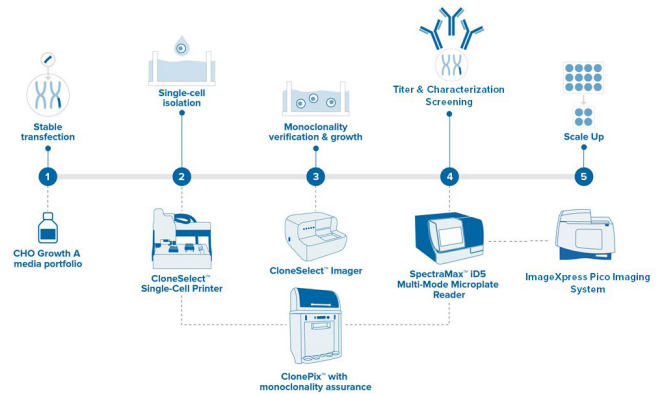
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CLONEPIX COLONY PICKER, SPECTRAMAX MULTI-MODE MICROPLATE READER, IMAGEXPRESS PICO IMAGER

GET UP TO 25% OFF EACH PRODUCT

- ImageXpress Pico Imager - Intelligent cell imaging and analysis integrated in a single, affordable system
- SpectraMax iD5 Multi-Mode Microplate Reader - Five-mode microplate reader with automatic filter identification and western blot capability
- ClonePix 2 Mammalian Colony Picker - A complete solution for the automated screening and objective selection of high-value clones

Equip your lab with instruments that work across entire workflows such as, ELISA, 3D cell culture, monoclonality and more. Advance your discovery with the flexible scalability of automated high-content imagers, cell screening systems and microplate readers to take your research wherever it needs to go.



Description	Size	Cat. No.
ClonePix™ 2 Mammalian Colony Picker	1490 mm (H)x1010 mm (W)x900 mm (D)	MPCLONPIX2BL
SpectraMax iD5 Standard Multi-Mode Microplate Reader	40.1 cm (H)x53.2 cm (W)x59.8 cm (D)	76175-288
ImageXpress Pico Automated Cell Imaging System	45.3 (H)x55.1 (W)x43.5 (D)	76230-062



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Description	Size	Serum format	Cat. No.
Select Grade USDA Approved Origin Fetal Bovine Serum (FBS)	50 ml	Frozen	89510-182
Select Grade USDA Approved Origin Fetal Bovine Serum (FBS)	500 ml	Frozen	89510-186
Select Grade USDA Approved Origin Fetal Bovine Serum (FBS), Heat Inactivated	50 ml	Frozen	89510-184
Select Grade USDA Approved Origin Fetal Bovine Serum (FBS), Heat Inactivated	500 ml	Frozen	89510-188

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VALUE OF \$3678



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BUY AN ARIAMX WITH A SYBR® FILTER AND GET AN ADDITIONAL FILTER FOR \$1

- Modular optics, instrument can be ordered with one - six filters
- Multiplex two - five channels
- Intuitive operation with a touch screen interface and onboard diagnostics
- Advanced optical system with LED excitation source
- Free and unlimited software installs
- HRM and 21 CFR 11 compliance software available



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Description	Cat. No.
AriaMx & SYBR Filter + \$1 ROX Filter Included	Request Quote
AriaMx & SYBR Filter + \$1 HEX Filter Included	Request Quote
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qTOWER^{®3} REAL-TIME PCR

SPECIAL DISCOUNTED PRICE

- 10-year warranty on optical components; three-year warranty on the remainder of the system
- Completely maintenance and calibration free for the life of the system!
- Open platform accommodates numerous plasticware and kits/mastermixes
- Solid silver sample block provides heating/cooling rates of up to 8.0°C/sec and 6.0°C/sec (respectively), and temperature homogeneity of ±0.15°C
- License-free control and analysis software allows for installation on multiple computers



The qTOWER^{®3} utilizes eight individual light fibers capable of scanning an entire plate in only six seconds and eliminating the need for a passive reference. State-of-the-art block heating technology and temperature homogeneity across all wells is guaranteed with a gold coated silver block. These high-performance attributes combine to reduce the number of repeat analyses while increasing analysis speeds and significantly reducing cost per sample.

Description	Cat. No.
qTOWER ^{®3} G Real-Time PCR (qPCR) System	76414-160

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FILTER INCLUDED WITH PURCHASE



UVP CHEMSTUDIO IMAGING SYSTEM

SPECIAL DISCOUNTED PRICE

- Three-year warranty on all Advanced Imaging products from Analytik Jena/UVP (NA only)
- One-touch "Action Buttons" automate the imaging workflow by combining multiple system settings and actions into a single tap/click
- Standard integrated LED-based excitation for cost-effective R/G/B applications; optional NIR lasers available
- License-free image acquisition and analysis software allows for installation on multiple computers
- New, unique thin line transilluminators provide "instant-on" sample excitation, long-life UV lamp technology for minimum service requirements, and extremely uniform illumination



Whatever your preferred research method, the UVP ChemStudio product family was built to streamline your protocol from detection to analysis, providing the most accurate quantitation of data for an unlimited range of applications.

Description	Camera	Cat. No.
UVP ChemStudio Touch Imaging System, 815	8 MP	SP-1172*

MONEY-SAVING OFFERS - Genomics

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UVP GELSOLO

30% OFF

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- Built-in 11.6" screen with intuitive image acquisition system
- Epi-white and epi-blue LED lights enable a variety of gel imaging applications
- Analyze gels with the included VisionWorks® analysis software



The primary application of the UVP GelSolo is capturing, saving and printing of gel images. But it is also possible to analyze gels with the included VisionWorks analysis software. Users can import gel images and conduct calculation of fragment sizes or quantify sample material in a few simple steps.

Description	Camera	Cat. No.
UVP GelSolo, M-26XV	5.0 MP	SP-1170*

SAVE
30%

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UVP SOLO ELITE

SPECIAL DISCOUNTED PRICE

- High resolution 6.4 MP camera with automated zoom lens
- Integrated 11.6" screen with image acquisition system
- Epi-white and epi-blue LED lights enable a variety of gel imaging applications
- Analyze gels with the included VisionWorks® analysis software; license free for installation on multiple computers



The UVP GelSolo Elite is the perfect addition to any lab running routine gel analysis, imaging and documentation. This compact imager provides researchers rapid processing in a bench space saving format. With the most competitive specifications on the market and a budget friendly price, the UVP Solo Elite is the right fit for your lab.

Description	Camera	Cat. No.
UVP SOLO ELITE	Mono	MPS-1171*

*Promotional part numbers are available for a limited time, must be used at the time of purchase, and may be ordered via the "ORDER ENTRY" link on vwr.com (promotional part numbers cannot be found via Search on vwr.com.) For assistance with ordering, please contact Avantor Customer Service at 1.800.932.5000. All prices in US dollars.

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- Some product restrictions do apply



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New England Biolabs and VWR offer this one-time 40% discount to principal investigators who are starting up a new laboratory, for up to \$5,000 (at discounted prices), no other discounts apply. The New Lab/Biotech discount applies to nearly all products carrying the NEB label (other discounts or special offers do not apply). Only one offer is available per principal investigator. Note that normal shipping charges apply.

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VWR® REDISHIP products include:

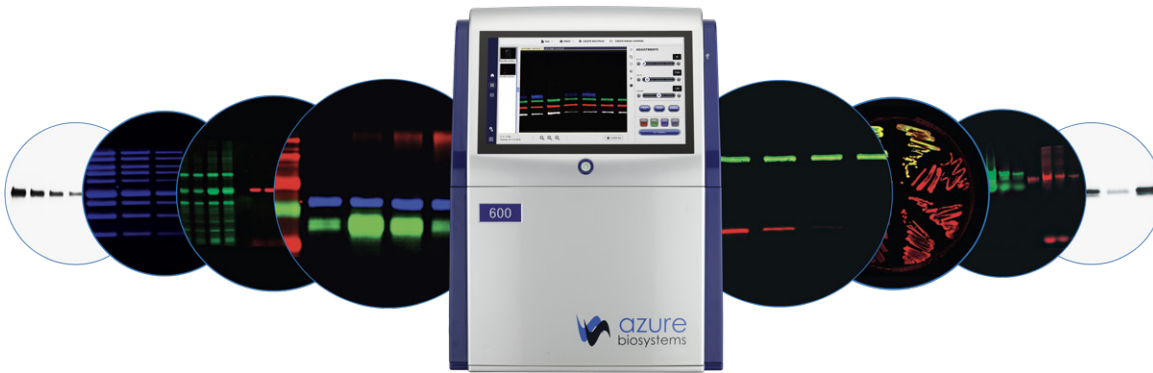
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- Cabinets
- Chairs and stools
- Shelving
- Sinks
- Lighting

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UP TO \$1320 VALUE



The Azure Imaging System



FREE REAGENT STARTER KIT

BUY A WESTERN IMAGING SYSTEM, GET A REAGENT STARTER KIT!

- Sensitivity and performance for fluorescent, chemiluminescent, UV and visible imaging
- Designed for generating publication-quality images and analyze more than just blots
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- Chemiluminescent detection without the hassle of film and greater sensitivity and resolution
- Two NIR lasers (660 nm and 785 nm) that keep signal high and background low
- Efficient multiplex detection with three visible fluorescence channels and/or two NIR fluorescence channels

PURCHASE AN AZURE 300, 400, 500 OR 600 WESTERN BLOT IMAGING SYSTEM AND RECEIVE A FREE REAGENT STARTER KIT!

Items in starter kits can not be replaced or exchanged. Only one starter kit per purchase. Must choose chemiluminescent OR fluorescent starter kit.

Free Reagent Starter Kits	Unit	Cat. No.
Chemiluminescent Starter Kit includes:		
Radiance Plus Femtomole Sensitivity Chemi Substrate	Each	10147-298
Radiance ECL Chemiluminescent Substrate	Each	76318-638
Nitrocellulose Transfer Membrane, 0.45um, 8 x 10 cm, pack of 10	Pack of 10	10147-302
Low Fluorescence PVDF Membrane, 9 x 7 cm, pack of 10	Pack of 10	10147-300
TotalStain Q Fluorescent Total Protein Stain, PVDF	Each	76421-036
Chemiluminescent Blot Blocking Buffer, 500 ml	Each	75818-198
Blot Washing Buffer, 10X, 500 ml	Each	10147-338
Goat anti-Mouse IgG, HRP, 500 µl	Each	10147-306
Goat anti-Rabbit IgG, HRP, 500 µl	Each	10147-302
Fluorescent Starter Kit includes:		
Low Fluorescence PVDF Membrane, 9 x 7 cm, pack of 10	Pack of 10	10147-300
AzureRed Fluorescent Total Protein Stain	Each	10147-342
TotalStain Q Fluorescent Total Protein Stain, PVDF	Each	76421-036
Fluorescent Blot Blocking Buffer, 500 ml	Each	75794-864
Fluorescent Blot Washing Buffer, 10X, 500 ml	Each	10147-340
AzureSpectra Antibody Labelling Kit, 700 nm	Each	75794-842

Limit one per lab.

Model	Description	Cat. No.	Unit
Azure300	The Darkroom Eliminator	76353-890	Each
Azure400	The Visible Fluorescence Virtuoso	76353-888	Each
Azure500	The Ultimate Infrared Imaging System	76353-886	Each
Azure600	The All-Around Application Ace	76353-884	Each



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UP TO \$475 VALUE



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BUY ONE GET ONE ANTIMICROBIAL CART

- Safely clean and transport
- Ship's edge for spill containment
- Easy to assemble and ships in one box

Metro's carts are ergonomically designed for low effort transport. The built-in antimicrobial agent keeps this cart extra clean.



US ONLY

Description	Dimensions	Cat. No.
Two Shelf Cart with Microban® Protection	35 3/8" x 23 1/2" x 35 3/8"	89501-354
Three Shelf Cart with Microban® Protection	35 3/8" x 23 1/2" x 35 3/8"	89501-356

Limit one redemption per lab.
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Think about your work,
 not what you're working in

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BUY A REDISHIP LOGIC®+ BIOSAFETY CABINET AND RECEIVE A FREE PORTABLE TABLE

- Experience less fatigue, fewer distractions and more comfort
- Angled sash for closer viewing without glare
- Line-of-sight, easy-to-understand LCD information center
- Large interior work area with service fixture (two on 6' cabinets) and Vacu-Pass Cord and Cable Portal
- Gently closing electrical outlet covers
- REDISHIP means ready for your lab now

Provides personnel, product and environmental protection from hazardous particulates and agents that require Biosafety Level containment. UV Lamp for secondary decontamination. Unlike other cabinets, the Logic+ is designed for the human experience. 115V, 60 Hz.



US ONLY

Description	Size	Cat. No.
Logic+ A2 with UV Light & Base Stand, 8" Sash Opening	3"	76317-614
Logic+ A2 with UV Light & Base Stand, 8" Sash Opening	4"	76317-626
Logic+ A2 with UV Light & Base Stand, 8" Sash Opening	5"	76317-634
Logic+ A2 with UV Light & Base Stand, 8" Sash Opening	6"	76317-642
Logic+ A2 with UV Light & Base Stand, 10" Sash Opening	3"	76318-336
Logic+ A2 with UV Light & Base Stand, 10" Sash Opening	4"	76317-622
Logic+ A2 with UV Light & Base Stand, 10" Sash Opening	5"	76317-630
Logic+ A2 with UV Light & Base Stand, 10" Sash Opening	6"	76317-638
Logic+ A2 with UV Light & 8" Sash Opening	3"	76317-612
Logic+ A2 with UV Light & 8" Sash Opening	4"	76317-624
Logic+ A2 with UV Light & 8" Sash Opening	5"	76317-632
Logic+ A2 with UV Light & 8" Sash Opening	6"	76317-640
Logic+ A2 with UV Light & 10" Sash Opening	3"	76318-334
Logic+ A2 with UV Light & 10" Sash Opening	4"	76317-616
Logic+ A2 with UV Light & 10" Sash Opening	5"	76317-628
Logic+ A2 with UV Light & 10" Sash Opening	6"	76317-636
Free item with purchase of one of the above		
Portable Table		82006-866

Limit one free portable table per customer.
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MONEY-SAVING OFFERS - General Laboratory Necessities

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OVER
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VALUE

ROTAVAPOR® R-300 BUNDLE BUY R-300 & I-300 CONTROLLER AND GET A V-300 VACUUM PUMP

- Complete control
- Chemical resistant
- Quiet and efficient



Description	Cat. No.
Rotavapor R-300 Manual Lift, 5L, Cold Trap, P+G, I-300 Pro Controller	10807-186
Rotavapor R-300 Manual Lift, 5L, Vertical Condenser, P+G, I-300 Pro Controller	10807-246
Rotavapor R-300, Electronic Lift, Wouff Bottle, Vertical Condenser, P+G, I-300 Pro Interface	10808-452
R-300 Rotavapor, Electronic Lift, Wouff Bottle, Cold Trap Condenser, P+G, I-300 Pro Interface	10808-512
Free with purchase of one of the above items	
Vacuum Pump V-300 1.8m3/h, 5mbar	10808-692

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BUY AN ELGA PURELAB® WATER PURIFICATION SYSTEM AND GET UP TO \$500 OR \$1,500 OF FREE CONSUMABLES!*

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- Dedicated to designing the right solution for your needs
- Maximizes your budget with systems with low running costs
- Provides your lab with a reliable water source
- Scalable as your lab requirements change

Description	Cat. No.	Qualifying free consumable options for each system
ELGA PURELAB Chorus Systems		
PURELAB Chorus 1 Life Science Ultrapure	10034-540	10035-890, 10035-888, 89204-304, 89204-398, 89204-290, 10035-886, 10035-884
PURELAB Chorus 1 Analytical Ultrapure	10034-542	10035-890, 10035-888, 89204-304, 89204-398, 89204-290, 10035-886, 10035-884
PURELAB Chorus 1 General Science Polisher	10034-544	10035-890, 10035-888, 89204-304, 89204-398, 89204-290, 10035-886, 10035-884
PURELAB Chorus 2 RO/DI with Booster Pump	10034-546	10035-894, 10035-892, 89204-406, 10035-882
PURELAB Chorus 3 RO 10L/HR with Booster Pump	10034-548	10035-892, 89204-406, 10035-882
PURELAB Chorus 3 RO 20L/HR with Booster Pump	76048-800	10035-892, 89204-406, 10035-882
PURELAB Chorus 3 RO 30L/HR with Booster Pump	76048-802	10035-892, 89204-406, 10035-882
PURELAB Chorus 1 complete 10LPH System with Boost Pump	76048-804	10035-892, 10035-882, 89204-406, 89204-398, 89204-304, 76048-854, 89204-400
PURELAB Chorus 1 complete 20LPH System with Boost Pump	76048-806	10035-892, 10035-882, 89204-406, 89204-398, 89204-304, 76048-854, 89204-400
PURELAB Chorus 2+ RO/DI/UV 10 LPH System with Boost Pump	76048-808	10035-882, 76048-846, 89204-406, 76048-848, 89204-398, 89204-304, 76048-852, 76048-850, 76048-856
PURELAB Chorus 2+ RO/DI/UV 20 LPH System with Boost Pump	76048-810	10035-892, 10035-882, 76048-846, 89204-406, 76048-848, 89204-398, 89204-304, 76048-852, 76048-850, 76048-856

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FREE
PRODUCTS

BOROSIL® LABORATORY GLASSWARE BUY \$250 OF ANY BOROSIL® PRODUCTS AND GET \$250 OF BOROSIL® PRODUCTS FREE

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- Unparalleled mechanical strength, clarity, reliability and durability
- Borosil's range of glassware to suit every laboratory application
- Individually calibrated option for precision and high accuracy



Symbolizing quality, accuracy and dependability for over 60 years, Borosil has earned the trust and unwavering loyalty of leading pharmaceutical companies and R&D laboratories, as well as scientific, health and educational institutions worldwide.

Value of free product is based on Avantor list price.
One redemption per customer.

UP TO
\$1,500
VALUE



Description	Cat. No.	Qualifying free consumable options for each system
PURELAB Chorus 2+ RO/EDI/UV 10 LPH System with Boost Pump	76048-796	10035-892, 10035-882, 76048-846, 89204-406, 76048-848, 89204-398, 89204-304, 76048-852, 76048-850, 76048-856
PURELAB Chorus 2+ RO/EDI/UV 20 LPH System with Boost Pump	76048-798	10035-892, 10035-882, 76048-846, 89204-406, 76048-848, 89204-398, 89204-304, 76048-852, 76048-850, 76048-856
ELGA PURELAB Flex Systems		
PURELAB Flex 2	89221-840	89204-392, 89204-304, 89204-398, 89204-404, 89204-406, 10039-392, 89204-402, 89204-398, 89204-304
PURELAB Flex 3	89221-842	89204-398, 89204-304
PURELAB Quest Systems		
PURELAB Quest Kit 1 DI Pack 0.2 UM Cap	76423-570	89204-304, 76423-578, 76423-580
PURELAB Quest Kit 2 DI Pack Biofilter	76423-572	89204-304, 76423-578, 76423-580
PURELAB Quest Kit 3 DI Pack UV Capsule Filter	76423-574	89204-304, 76423-578, 76423-580
PURELAB Quest Kit 4 DI Pack UV Biofilter	76423-576	89204-304, 76423-578, 76423-580
PURELAB Quest with Starter Pack	76423-582	89204-304, 76423-578, 76423-580
PURELAB Quest UV with Starter Pack	76423-584	89204-304, 76423-578, 76423-580

For a complete listing of qualifying free ELGA PURELAB Chorus, ELGA PURELAB Flex, and ELGA PURELAB Quest consumables, visit vwr.com/labsetup.

Promotion applies to ELGA LabWater Systems and ELGA branded consumables only. After purchasing an ELGA PURELAB® Chorus, Flex, or Quest water purification system, the customer may receive up to, but not exceeding, \$500 of free product for a Flex or Quest system purchased, or \$1,500 of free product for a Chorus system purchased. The customer must redeem free product by the end of 2023. Consumables must be for the system purchased. The promotional value cannot be used to purchase anything other than the qualifying consumables for the system (no other consumables, accessories, additional systems, or parts) and must be redeemed all at once. One redemption per system only.

PROMO CODE 5946



GET ONE CASE FREE

PUREGRIP® CLEAR OR AMBER GLASS MEDIA BOTTLES

BUY TWO CASES, GET ONE CASE FREE

- PUREGRIP® Bottles are made from USP Type I 3.3 borosilicate glass
- PUREGRIP® Bottles are autoclavable and comply with USP-VI standards
- Fitted with a plastic pouring ring, dripping is totally eliminated
- VersaCap® is leak-proof and easy-to-label cap surface



PUREGRIP® glass bottles offer a huge array of improvements to researchers' everyday experiences. From large writing surface and visible graduations to our patented VersaCap®, safety, versatility and ease of use can all be found in our line of Foxx PUREGRIP® glass media bottles.

Description	Unit	Cat. No.
PUREGRIP® Clear Glass Media Storage Bottles with GL45 VersaCap, 250 ml	10/CS	76379-738
PUREGRIP® Clear Glass Media Storage Bottles with GL45 VersaCap, 500 ml	10/CS	76379-740
PUREGRIP® Clear Glass Media Storage Bottles with GL45 VersaCap, 1000 ml	10/CS	76379-742
PUREGRIP® Amber Glass Media Storage Bottles with GL45 VersaCap, 250 ml	10/CS	76379-756
PUREGRIP® Amber Glass Media Storage Bottles with GL45 VersaCap, 500 ml	10/CS	76379-758
PUREGRIP® Amber Glass Media Storage Bottles with GL45 VersaCap, 1000 ml	10/CS	76379-760

Eligible for items with 10/CS UOM. Free product equal or lesser value bases on Avantor list price. Two redemptions per customer.

PROMO CODE 5948



Innovative and versatile for single-use applications

EZBio® SINGLE-USE STERILE BOTTLES ASSEMBLY VENTED WITH TUBING

BUY TWO, GET ONE FREE

- Manufactured in a certified ISO Class 7 cleanroom
- Made entirely of 100% USP Class VI components from the United States
- Designed for one continuous flow path
- Assemblies do not use bonding agents
- Gamma irradiated in the United States

The EZBio® single-use sterile bottle assembly with tubing and vent filters are perfect for fluid transfer and storage. Assemblies are made entirely with USP Class VI components and are gamma irradiated in the United States. Assemblies take advantage of Foxx's VersaCap® technology, which means there is no machining necessary to produce the product. Perfect for single-use applications and to phase out costly stainless-steel apparatuses that are expensive to clean and validate.



Description	Material	Capacity	Sterility	Unit	Cat. No.
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	Polycarbonate	125 ml	Sterile	10/CS	76018-358
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	Polycarbonate	250 ml	Sterile	10/CS	76018-360
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	Polycarbonate	500 ml	Sterile	10/CS	76018-362
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	Polycarbonate	1000 ml	Sterile	10/CS	76018-364
EZBio® SU Media Bottle Assembly, 53 mm (53B) VersaCap with Vent and Dip Tube	Polycarbonate	2000 ml	Sterile	10/CS	76018-366
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	PETG	125 ml	Sterile	10/CS	76018-456
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	PETG	250 ml	Sterile	10/CS	76018-602
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	PETG	500 ml	Sterile	10/CS	76018-352
EZBio® SU Media Bottle Assembly, 38-430 mm VersaCap with Vent and Dip Tube	PETG	1000 ml	Sterile	10/CS	76018-354
EZBio® SU Media Bottle Assembly, 53 mm (53B) VersaCap with Vent and Dip Tube	PETG	2000 ml	Sterile	10/CS	76018-356

Free product is to be equal or lesser value based on Avantor list price.

PROMO CODE 5947



GET ONE FREE

VWR® COPOLYESTER AND POLYCARBONATE CARBOY WITH VERSATILE CAP

BUY THREE, GET ONE FREE

- Carboys are molded from a clear, BPA-free, USP Class VI, and FDA-grade resin
- Versatile caps are leak-proof and constructed of polypropylene
- Large top handles for a full hand grip
- Bottom handles provide a secure grip while lifting and transporting



VWR® carboys are highly versatile containers that maximize storage efficiency and ease of use. Their distinctive rectangular shape saves valuable bench space. Carboy material and volume is clearly imprinted on surface with easy-to-read metric graduation marks which are certified to ±5% accuracy.

Description	Material	Capacity	Cap size	Unit	Cat. No.
VWR® Carboy with VersaCap	Copolyester	2.5 L	80 mm	1/EA	89199-168
VWR® Carboy with VersaCap	Copolyester	5 L	80 mm	1/EA	89170-808
VWR® Carboy with VersaCap	Copolyester	10 L	80 mm	1/EA	89170-812
VWR® Carboy with VersaCap	Copolyester	20 L	120 mm	1/EA	89170-818
VWR® Carboy with VersaCap	Polycarbonate	2.5 L	80 mm	1/EA	76199-176
VWR® Carboy with VersaCap	Polycarbonate	5 L	80 mm	1/EA	76199-178
VWR® Carboy with VersaCap	Polycarbonate	10 L	80 mm	1/EA	76199-180
VWR® Carboy with VersaCap	Polycarbonate	20 L	120 mm	1/EA	76018-468

Free product equal or lesser value bases on Avantor list price. Two redemptions per customer.

GET ONE FREE

MONEY-SAVING OFFERS - General Laboratory Necessities

PROMO CODE 5949



GET ONE FREE

EZFlow® - efficient and rapid filtration



EZFLOW® STERILE SYRINGE FILTERS

BUY TWO, GET ONE FREE

- EZFlow® Sterile Syringe Filters are individually packaged in easy to open blister packs.
- Easy-to-read, color-coded label allows user to quickly identify membrane type and pore size
- For clarification and particle removal from samples before analysis by HPLC, IC, and GC

EZFlow® 13-, 25-, and 33-mm Sterile Syringe Filters are used for prefiltration, clarification, sterilization, or fine particulate removal. All EZFlow® syringe filter materials comply with USP Class VI standards and FDA compliances and are available in a variety of filter membrane materials in both 0.2 and 0.45 µm pore sizes. The filter membranes are reinforced with polypropylene housing, with a female Luer-lok inlet and a male Luer slip outlet.

Description	Diameter	Pore size	Sterility	Unit	Cat. No.
Polyethersulfone (PES) Syringe Filters	13 mm	0.22 µm	Sterile	100/PK	76018-866
Polyethersulfone (PES) Syringe Filters	25 mm	0.22 µm	Sterile	100/PK	76018-868
Polyethersulfone (PES) Syringe Filters	33 mm	0.22 µm	Sterile	100/PK	76018-870
Polyethersulfone (PES) Syringe Filters	13 mm	0.45 µm	Sterile	100/PK	76018-872
Polyethersulfone (PES) Syringe Filters	25 mm	0.45 µm	Sterile	100/PK	76018-874
Polyethersulfone (PES) Syringe Filters	33 mm	0.45 µm	Sterile	100/PK	76018-876
Cellulose Acetate (CA) Syringe Filters	13 mm	0.22 µm	Sterile	100/PK	76018-822
Cellulose Acetate (CA) Syringe Filters	25 mm	0.22 µm	Sterile	100/PK	76018-824
Cellulose Acetate (CA) Syringe Filters	33 mm	0.22 µm	Sterile	100/PK	76018-826
Cellulose Acetate (CA) Syringe Filters	13 mm	0.45 µm	Sterile	100/PK	76018-884
Cellulose Acetate (CA) Syringe Filters	25 mm	0.45 µm	Sterile	100/PK	76018-886
Cellulose Acetate (CA) Syringe Filters	33 mm	0.45 µm	Sterile	100/PK	76018-888
Hydrophilic PVDF Syringe Filters	13 mm	0.22 µm	Sterile	100/PK	76018-882
Hydrophilic PVDF Syringe Filters	25 mm	0.22 µm	Sterile	100/PK	76018-812
Hydrophilic PVDF Syringe Filters	33 mm	0.22 µm	Sterile	100/PK	76018-814
Hydrophilic PVDF Syringe Filters	13 mm	0.45 µm	Sterile	100/PK	76018-816
Hydrophilic PVDF Syringe Filters	25 mm	0.45 µm	Sterile	100/PK	76018-818
Hydrophilic PVDF Syringe Filters	33 mm	0.45 µm	Sterile	100/PK	76018-820

Free product is to be equal or lesser value based on Avantor list price.

PROMO CODE 5950



FREE TUBING EXTENSION

The world's most advanced vacuum trap system

VACTRAP™2 R VACUUM TRAP SYSTEMS

BUY ONE VACTRAP™2 R SYSTEM, GET A FREE TUBING EXTENSION



- Heavy duty, kink-free EZBio® TPE V (Vacuum) tubing improves performance under vacuum pressure
- Vactrap™2 R includes the patented VersaCap® closure for tangle-free opening and closing
- 0.2 µm PTFE inline vent filter retains any aerosolized bacteria and protects the house vacuum or pump
- 40 CFR 264.175 compliant, aligns with CDC's vacuum/aspiration guidelines for biohazardous material

Rated for continuous vacuum up to 1 Bar, virtually unbreakable, super-stable, plug-and-play Foxx Life Sciences' Vactrap™2 R is the world's most advanced vacuum trap system. Ideal for protection of vacuum lines and scientists alike, Vactrap™2 R safely contains waste from supernatant removal, chemical separation, and cell or tissue culture media aspiration. Best of all, Vactrap™2 R comes ready to use, simply remove from package, attach to your vacuum and begin your work.

Description	Bottle	Bottle configuration	Unit	Cat. No.
Vactrap™2 Round PP Bottles, 1 Bottle Vacuum Trap System	Polypropylene	1 L	1/EA	76552-412
Vactrap™2 Round PP Bottles, 2 Bottle Vacuum Trap System	Polypropylene	1 L + 1 L	1/EA	76552-414
Vactrap™2 Round PP Bottles, 1 Bottle Vacuum Trap System	Polypropylene	2 L	1/EA	76552-416
Vactrap™2 Round PP Bottles, 2 Bottle Vacuum Trap System	Polypropylene	2 L + 1 L	1/EA	76552-418
Vactrap™2 Round PP Bottles, 1 Bottle Vacuum Trap System	Polypropylene	4 L	1/EA	76552-420
Vactrap™2 Round PP Bottles, 2 Bottle Vacuum Trap System	Polypropylene	4 L + 1 L	1/EA	76552-422
Vactrap™2 Round PP Bottles, 2 Bottle Vacuum Trap System	Polypropylene	4 L + 2 L	1/EA	76552-424
Vactrap™2 Round PP Bottles, 2 Bottle Vacuum Trap System	Polypropylene	4 L + 4 L	1/EA	76552-426

ELIGIBLE FREE PRODUCT

Description	Tubing material	Tubing length	Tubing I.D. x O.D.	Unit	Cat. No.
Vactrap™2 Tubing Extension, 4' with 0.2µm PTFE Inline Vent Filter	TPE	4 ft.	1/4" x 3/8"	1/EA	76207-632
Vactrap™2 Tubing Extension, 6' with 0.2µm PTFE Inline Vent Filter	TPE	6 ft.	1/4" x 3/8"	1/EA	76207-634
Vactrap™2 Tubing Extension, 8' with 0.2µm PTFE Inline Vent Filter	TPE	8 ft.	1/4" x 3/8"	1/EA	76207-636
Vactrap™2 Tubing Extension, 10' with 0.2µm PTFE Inline Vent Filter	TPE	10 ft.	1/4" x 3/8"	1/EA	76472-586
Vactrap™2 Tubing Extension, 12' with 0.2µm PTFE Inline Vent Filter	TPE	12 ft.	1/4" x 3/8"	1/EA	76472-588

Value of free product is based on Avantor list price. Limit to 3 redemptions per customer.

PROMO CODE 5951

GET ONE UNIT FREE



The new gold standard for laboratory glassware

GLOBE GLASS™

BUY ANY THREE UNITS OF GLOBE GLASS™ LABORATORY GLASSWARE AND GET ONE UNIT FREE!

- Made exclusively from ASTM E438, Type I, Class A, 3.3 borosilicate glass
- Manufacturing facilities are ISO 9001 certified and in-house calibration is performed in an ISO 17025 certified laboratory
- Meets ASTM standards for volume, shape, dimensions, graduation markings and calibration
- Consistent wall thickness, flat bottoms free of striations, and precise forming of rims and spouts
- Permanent white enamel markings are ASTM compliant and easy to read

Designed to meet the needs of the most demanding laboratory professionals, Globe Glass™ laboratory glassware sets the standard for performance and packaging in the glassware marketplace. Top quality borosilicate glass delivers outstanding strength, durability and chemical resistance. Superior GlassGuard™ packaging has been engineered to ensure that Globe Glass™ products arrive at their destination intact and ready for use, each and every time.

Globe Glass™ beakers, Erlenmeyer flasks, volumetric flasks, graduated cylinders and media bottles are offered in sizes most commonly used in laboratories everywhere.

Capacity	Graduation interval	Graduation range	Tolerance	Stoper size	Pack unit	Case unit	Cat. No.
Beaker, Globe Glass, Low Form Griffin Style							
250 ml	25 ml	25-200 ml	-	-	12/Box	48/Case	76523-198
400 ml	25 ml	25 - 325 ml	-	-	12/Box	48/Case	76523-200
600 ml	50 ml	50 - 500 ml	-	-	6/Box	36/Case	76523-202
Media Bottle, Globe Glass							
250 ml	25 ml	50 - 200 ml	-	-	10/box	20/Case	76523-246
500 ml	50 ml	100 - 400 ml	-	-	10/box	20/Case	76523-248
1000 ml	50 ml	100 - 900 ml	-	-	10/box	20/Case	76523-250
Graduated Cylinder, Globe Glass, Class A							
100 ml	1 ml	-	0.50 ml	-	Each	6/Case	76523-324
250 ml	2 ml	-	1 ml	-	Each	4/Case	76523-326
500 ml	5 ml	-	2 ml	-	Each	4/Case	76523-328
Volumetric Flask, Globe Glass, Class A							
25 ml	-	-	0.03 ml	9	6/Box	12/Case	76523-266
100 ml	-	-	0.08 ml	13	6/Box	12/Case	76523-270
1000 ml	-	-	0.30 ml	22	Each	6/Case	76523-278
Erlenmeyer Flask, Globe Glass, Narrow Mouth							
250 ml	25 ml	50 - 250 ml	-	6	12/Box	48/Case	76523-216
500 ml	50 ml	100 - 500 ml	-	7	6/Box	36/Case	76523-220

* Many additional sizes and styles are available. Please visit vwr.com for the full selection.

MONEY-SAVING OFFERS - General Laboratory Necessities

PROMO CODE 5952



US ONLY

FREE
TNTPLUS®
AMMONIA
KIT

DR3900 SPECTROPHOTOMETER

RECEIVE A FREE TNTPLUS® AMMONIA KIT WITH THE PURCHASE OF A DR3900™ SPECTROPHOTOMETER



- FASTER than traditional methods with 70% less hands-on time
- EASIER than traditional methods with pre-dosed reagents and no additional glassware
- SAFER than traditional methods with the elimination of mercury reagents

TNTplus® reagents work hand-in-hand with DR3900 spectrophotometers to deliver improvements in speed, ease-of-use, safety and accuracy. Simply add sample to the TNTplus vial, drop the vial into the DR3900, watch it spin the vial as it reads the barcode and measures the sample, and see your results.

Description	Wavelength	Cat. No.
DR3900 Benchtop VIS Spectrophotometer with RFID Technology	320 - 1100 nm	75921-230
DR3900 Benchtop VIS Spectrophotometer without RFID Technology	320 - 1100 nm	75921-228

Limit one per customer. This promotion is not available in Canada. Please contact your Avantor Life Science Specialist for information about similar offers available in your region.

PROMO CODE 5953



US ONLY

FREE PH
BUFFER SET

HQ SERIES PORTABLE METERS

RECEIVE A FREE PH BUFFER SET WITH THE PURCHASE OF ANY HQ™ SERIES PORTABLE METER



- Performing a successful calibration has never been so simple
- Deliver your daily activity in just a few simple steps
- Sensors designed for every application

Step up with the new HQ Series meters from Hach®. Whether in the lab or in the field - illustrated, step-by-step on-screen calibration and troubleshooting procedures, fast and simple USB data transfer, and standard lab and rugged field IntelliCal™ smart probes ensure successful analysis every time.

Description	Parameters	Screen	Warranty	Cat. No.
HQ1110 Portable pH/ORP Meter, 1 Channel	pH/ORP/Temp	3.2" B/W	12-month Warranty	76468-168
HQ1130 Portable DO Meter, 1 channel	Dissolved Oxygen/Temp	3.2" B/W	12-month Warranty	76468-178
HQ1140 Portable EC/TDS Meter, 1 Channel	Conductivity/Total Dissolved Solids (TDS)/Temp	3.2" B/W	12-month Warranty	76468-184
HQ2100 Portable pH/ORP/EC/TDS/DO Meter, 1 channel	pH/ORP/DO/Conductivity/TDS/Salinity/Temp	3.2" B/W	12-month Warranty	76468-190
HQ2200 Portable pH/ORP/EC/TDS/DO Meter, 2 Channels	pH/ORP/DO/Conductivity/TDS/Salinity/Temp	3.2" B/W	12-month Warranty	76468-206
HQ4300 Portable pH/ORP/EC/TDS/DO/ISE Multi Meter, 3 Channels	pH/ORP/DO/Conductivity/TDS/Salinity/Temp/ISE	3.5" Color	36-month Warranty	76468-248

Limit one per customer. This promotion is not available in Canada. Please contact your Avantor Life Science Specialist for information about similar offers available in your region.

PROMO CODE 5954



US ONLY

FREE
SUSPENSION
KIT

TL2350 TUNGSTEN LAMP RATIO TURBIDIMETER

RECEIVE A FREE EU PHARMACOEPIA STABLCAL® REFERENCE SUSPENSION KIT WITH PURCHASE OF A TL2350



- Ratio and standard nephelometric measurement
- Reduced sample volume analysis for high value samples with 11 mm cell adapter
- Custom calibration available for critical sample ranges
- Tungsten lamp light source

The TL2350 eliminates the variability of visual clarity methods. Standardize your product and raw material controls with the TL2350 Ratio Turbidity Meter.

Description	Model	Range	Lamp type	Cat. No.
Turbidimeter, Tungsten Lamp TL2350	TL2350 EPA	0 - 10000NTU	Tungsten lamp	76417-510

Limit one per customer. This promotion is not available in Canada. Please contact your Avantor Life Science Specialist for information about similar offers available in your region.

PROMO CODE 5955

SARTORIUS

UP TO
35% OFF

ARIUM® MINI ULTRAPURE WATER SYSTEMS

UP TO 35% OFF ON SELECT ARIUM® MINI ULTRAPURE WATER SYSTEMS



- Reliable- Delivers consistently high water quality for reliable and reproducible results (optional UV lamp)
- Innovative- Depending on the model, unique Bagtank technology to save you from time-consuming tank cleaning
- Intuitive- Easy to operate using the touch-activated color display with quick access to dispensing options
- Compact- Space-saving footprint with a width of only 28 cm to easily fit in any lab environment

Description	US Cat. No.	CA Cat. No.
Arium Mini Plus Water System Set for ASTM Type 1 Water	MP75994-886	MPCA75994-886
Arium Mini Plus Water System Set for ASTM Type 1 Water w/UV	MP75994-888	MPCA75994-888
Arium Mini Water System Set for ASTM Type 1 Water	MP75994-890	MPCA75994-890
Arium Mini Water System Set w/UV Lamp	MP75994-892	MPCA75994-892
Arium Mini Essential Lab Water Set	MP76307-492	MPCA76307-492
Arium Mini Essential Lab Water Set w/UV Lamp	MP76307-496	MPCA76307-496

PROMO CODE 5956



Combining the convenience of box vial storage with the economy of a low nitrogen loss design

VWR® CRYOPRO® RACK SYSTEMS, BR SERIES PROMOTION PACKAGES

THE BR SERIES PROVIDES THE PERFECT SOLUTION FOR MEDIUM TO LARGE STORAGE NEEDS

- Convenient box vial storage
- Low nitrogen loss

Vial storage in boxes allows for quick and accurate inventorying and recovery of specimens. The BR-1 model can hold 25-cell cardboard or plastic boxes. The BR-2, BR-3, and BR-4 models can hold 100-cell cardboard or plastic boxes.



Description	Capacity	Cat. No.
CryoPro® BR-1 Rack System Promotion Package	875 vials (2 ml), in a Manual Fill Tank	10027-588
CryoPro® BR-2 Rack System Promotion Package	2500 vials (2 ml), in a Manual Fill Tank	10027-590
CryoPro® BR-3 Rack System Promotion Package	5000 vials (2 ml), in a Manual Fill Tank	10027-530
CryoPro® BR-4 Rack System Promotion Package	7000 vials (2 ml), in a Manual Fill Tank	10027-532

PROMO CODE 5957



METTLER TOLEDO

Earn up to \$1500 in lab accessories

METTLER TOLEDO BALANCES, ANALYTICAL INSTRUMENTS, AND PH METERS

RECEIVE UP TO \$1500 IN METTLER TOLEDO ACCESSORIES WITH YOUR PURCHASE

- Earn \$1500 to spend on METTLER TOLEDO Accessories with the purchase of an Excellence Balance or Instrument (XPR/XSR Balances, HX/HS Moisture Analyzers, Benchtop Density Meters, Refractometers, Melting Point, Compact Titrators, UV/Vis)
- Earn \$400 to spend on METTLER TOLEDO Accessories with the purchase of an Advanced Balance or Instrument (MS/ML-T Balances, HC Moisture Analyzer, EasyPlus Titrators, EasyPlus DE/RE)
- Earn \$150 to spend on METTLER TOLEDO Accessories with the purchase of a Standard Balance or pH Meter (ME-T/ME-TE Balances, HE Moisture Analyzers, SevenExcellence/SevenDirect/FiveEasy/SevenGo pH Meters)



To learn more about the METTLER TOLEDO product portfolio, please visit vwr.com/mettlertoledo

Please allow up to eight weeks for complimentary accessories to be mailed. Accessory cost is based on METTLER TOLEDO List Price. Total cost of accessories cannot exceed earned value. Only customers in U.S. and Canada are eligible. Void where prohibited by law or company policy. Not valid with other offers/promotions.

PROMO CODE 5958



VWR
P-SERIES
BALANCE
FREE

Trusted quality. Superior results.

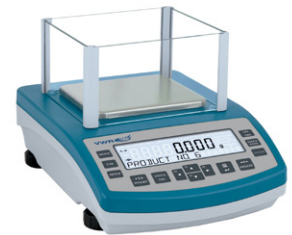
VWR® A-SERIES BALANCES

BUY A VWR® A-SERIES BALANCE AND RECEIVE A VWR® P-SERIES BALANCE FREE

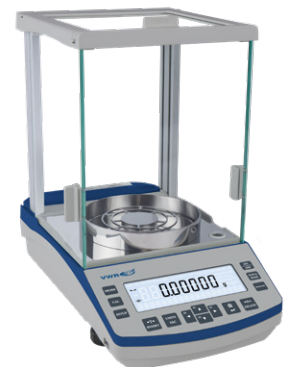
- Unsurpassed five-year warranty
- Automatic, internal calibration
- Multitude of communication interfaces including RS-232, USB, and Wi-Fi®
- Large, easy-to-read back-lit LCD display
- Easily disassemble the entire weighing chamber for cleaning (0.01 and 0.1 mg readability models)
- Internal memory providing data safety and automatic recording of results
- Under-pan weighing capability
- Continuous ambient conditions monitoring



The VWR® A-Series balances provide accuracy, precision and reliability within an economical package. With a wide range of capacity and readability options, there is a VWR® A-Series balance to fit any lab's needs. A three-door draft shield is standard on the semi-micro and analytical models (0.01 mg and 0.1 mg readability) and can be easily disassembled for cleaning. The balances feature a multitude of data outputs standard, including RS-232 and USB, to allow for easy data collection. Customize GLP printouts within the balance to fit your organization's reporting requirements. Feel confident in your balance with the five-year hassle-free warranty. No matter the application, the VWR® A-Series Balance will provide the quality and dependability you expect for your lab weighing needs.



Description	Specification	Calibration type	Unit	Cat. No.
VWR-105AC	120 g x 0.01 mg	Internal	Each	76446-810
VWR-205AC	82 g/220 g x 0.01 mg/0.1 mg	Internal	Each	76446-812
VWR-160AC	160 g x 0.1 mg	Internal	Each	76446-814
VWR-220AC	220 g x 0.1 mg	Internal	Each	76446-816
VWR-310AC	310 g x 0.1 mg	Internal	Each	76446-818
VWR-520AC	520 g x 0.1 mg	Internal	Each	76446-820
VWR-363AC	360 g x 0.001 g	Internal	Each	10204-966
VWR-603AC	600 g x 0.001 g	Internal	Each	76300-142
VWR-1003AC	1000 g x 0.001 g	Internal	Each	76300-144
VWR-2102AC	2100 g x 0.01 g	Internal	Each	76300-146
VWR-4502AC	4500 g x 0.01 g	Internal	Each	10204-968
VWR-6002AC	6000 g x 0.01 g	Internal	Each	10204-970
VWR-8102AC	8100 g x 0.01 g	Internal	Each	76446-822
VWR-10102AC	10100 g x 0.01 g	Internal	Each	76300-152



Free item	Specification	Calibration type	Unit	Cat. No.
VWR-500P	500 g x 0.0 1g	External	Each	10205-004
VWR-1500P	1500 g x 0.05 g	External	Each	10205-006
VWR-3000P	3000 g x 0.1 g	External	Each	10205-008
VWR-6000P	6000 g x 1 g	External	Each	10205-010

PROMO CODE 5959



GET ONE FREE

Buy one case of disposable gloves and receive one free!

Avantor offers a variety of disposable gloves options to choose from. Whether your needs are production, laboratory, or industrial focused, we have the right level of protection for your application.



Black Ultra-Light Nitrile



Gen-X S-1 Powder-Free



Gen-X Blue Latex Powder-Free



Violet Blue Nitrile



Black Nitrile



Latex Powder-Free



Nitrile



Vinyl Nitrile Hybrid



Vinyl

Description	Length	Unit	Cat. No.
VWR® BLACK ULTRA-LIGHT NITRILE EXAMINATION GLOVES			
Medium	9" (22.9 cm)	Case of 2500	76457-132
Large	9" (22.9 cm)	Case of 2500	76457-134
X-Large	9" (22.9 cm)	Case of 2500	76457-136
VWR® GEN-X S-1 POWDER-FREE NITRILE EXAMINATION GLOVES			
Medium	9" (22.9 cm)	Case of 1000	76449-366
Large	9" (22.9 cm)	Case of 1000	76449-368
X-Large	9" (22.9 cm)	Case of 1000	76449-370
VWR® GEN-X BLUE LATEX POWDER-FREE EXAMINATION GLOVES			
Medium	9" (22.9 cm)	Case of 1000	76449-386
Large	9" (22.9 cm)	Case of 1000	76449-388
X-Large	9" (22.9 cm)	Case of 1000	76449-390
VWR® VIOLET BLUE NITRILE EXAMINATION GLOVES, 3.5 G			
Medium	9" (22.9 cm)	Case of 2500	76452-306
Large	9" (22.9 cm)	Case of 2500	76452-308
X-Large	9" (22.9 cm)	Case of 2500	76452-310
VWR® BLACK NITRILE EXAMINATION GLOVES			
Small	9" (22.9 cm)	Case of 2500	76457-110
Medium	9" (22.9 cm)	Case of 2500	76457-112
Large	9" (22.9 cm)	Case of 2500	76457-114
X-Large	9" (22.9 cm)	Case of 2500	76457-116

Description	Length	Unit	Cat. No.
VWR® LATEX POWDER-FREE EXAMINATION GLOVES			
Small	9" (22.9 cm)	Case of 1000	76457-120
Medium	9" (22.9 cm)	Case of 1000	76457-122
VWR® NITRILE EXAMINATION GLOVES, 4.8 G			
Large	9" (22.9 cm)	Case of 1000	76459-458
X-Large	9" (22.9 cm)	Case of 1000	76459-460
VWR® VINYL NITRILE HYBRID EXAMINATION GLOVES			
Medium	9.5"	Case of 1000	76456-894
Large	9.5"	Case of 1000	76456-896
X-Large	9.5"	Case of 1000	76456-898
VWR® VINYL EXAMINATION GLOVES			
Small	9.5"	Case of 1000	76459-214
Medium	9.5"	Case of 1000	76459-216
Large	9.5"	Case of 1000	76459-218
X-Large	9.5"	Case of 1000	76459-220

*Offer valid only for products listed above, for orders placed between January 1, 2023 and December 31, 2023, while supplies last. Offer valid for multiple free cases when products listed are purchased in one single transaction. Allow up to 8 weeks for delivery of your free product. Offer not valid on previous purchases. Other restrictions may apply. Void where prohibited.

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LED Combination Packages

Description	Orientation	Coated	Cooling Surface	Lift	Cat. No.
VWR® LED Digital Rotary Evaporator Glassware set	Vertical		1700 cm ²	Manual	76533-234
	Vertical	Coated, anti-explosion	1700 cm ²	Manual	76533-258
	Diagonal		1700 cm ²	Manual	76533-260
	Vertical		1200 cm ²	Manual	76533-262

LCD Combination Packages

Description	Orientation	Coated	Cooling Surface	Lift	Cat. No.
VWR® LCD Digital Rotary Evaporator Glassware set	Vertical		1700 cm ²	Automatic	76533-248
	Vertical	Coated, anti-explosion	1700 cm ²	Automatic	76533-250
	Diagonal		1700 cm ²	Automatic	76533-252
	Vertical		1200 cm ²	Automatic	76533-254

Material Description	Cat. No.
Acetone ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1101-4LG
Acetone ≥99.5%, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1101-4LP
Acetone, ACS, 1 Gallon, VWR Chemicals BDH	BDH2002-1GLP
Acetonitrile ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1103-4LG
Acetonitrile ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1105-4LG
Acetonitrile ≥99.5%, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1103-4LP
Alcohol ≥70%, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1164-4LP
Alcohol 80%, 4L Plastic Bottle, VWR Chemicals BDH	BDH1162-4LP
Alcohol 90%, 4L Plastic Bottle, VWR Chemicals BDH	BDH1160-4LP
Alcohol 95%, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1158-4LP
Reagent Alcohol, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1156-4LP
Chloroform ≥99.8%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1109-4LG
Cyclohexane ≥99%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1111-4LG
Cyclohexanone ≥99%, ACS, 4L Amber Glass Bottle, VWR Chemicals BDH	BDH4612-4L
Dichloromethane ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1113-4LG
Dimethylformamide ≥99.8%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1117-4LG
Dimethylformamide ≥99.8%, ACS, 4L Poly Bottle, VWR Chemicals BDH	BDH1117-4LP
Dimethyl Sulfoxide ≥99.9%, ACS, 1L Poly Bottle, VWR Chemicals BDH	BDH1115-4LP
Ethyl Acetate ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1123-4LG
Ethyl Acetate ≥99.5%, ACS, 4L Poly Bottle, VWR Chemicals BDH	BDH1123-4LP
Ethylene Glycol ≥99%, 4L Glass Bottle, VWR Chemicals BDH	BDH1125-4LG
Ethylene Glycol ≥99%, 4L Poly Bottle, VWR Chemicals BDH	BDH1125-4LP
Glycerine ≥99.7%, 4L Poly Bottle, VWR Chemicals BDH	BDH1172-4LP
Heptane ≥99%, 4L Glass Bottle, VWR Chemicals BDH	BDH1127-4LG
Heptane ≥99%, 4L Poly Bottle, VWR Chemicals BDH	BDH1127-4LP
Hexane ≥98.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1129-4LG
Hexane ≥98.5%, ACS, 4L Poly Bottle, VWR Chemicals BDH	BDH1129-4LP
Isopropyl Alcohol ≥70%, ACS, 4L Poly Bottle, VWR Chemicals BDH	BDH1131-4LP
Isopropyl Alcohol ≥70%, 1 Gallon, VWR Chemicals BDH	BDH2014-1GLP
Isopropyl Alcohol ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1133-4LG
Isopropyl Alcohol ≥99.5%, ACS, 4L Poly Bottle, VWR Chemicals BDH	BDH1133-4LP
Methanol ≥99.8%, ACS, 1L Plastic Bottle, VWR Chemicals BDH	BDH1135-4LG
Methanol ≥99.8%, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1135-4LP
Methanol ≥99.8%, ACS, 1 Gallon Plastic Bottle, VWR Chemicals BDH	BDH2018-1GLP
Methyl T-Butyl Ether ≥99%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1139-4LG
1-Methyl-2-Pyrrolidinone, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1141-4LG
1-Methyl-2-pyrrolidinone, ACS, 4L Plastic Bottle, VWR Chemicals BDH	BDH1141-4LP
Pentane ≥98%, 4L Glass Bottle, VWR Chemicals BDH	BDH1143-4LG
Petroleum Ether ≥99%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1145-4LG
Tetrahydrofuran ≥99%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1149-4LG
Toluene ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1151-4LG
Trichloroethylene ≥99.5%, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH4564-4L
Water, ASTM Type II, ACS, 1L Poly Bottle, VWR Chemicals BDH	BDH1168-4LP
Xylene, ACS, 4L Glass Bottle, VWR Chemicals BDH	BDH1170-4LG

LAB SET-UP GUIDE 2023



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