

PROMOTIONS FOR LIFE SCIENTISTS – Valid until September 30, 2016

PROMO CODE 4521

cSeries Western Blot Imaging System for Fluorescent and Chemiluminescent Westerns

Don't Limit Your Choice of Detection Chemistries

The Azure c600 provides sensitive imaging of fluorescent and chemiluminescent blots and handles all routine imaging of gels and films. Laser diode excitation of infrared dyes assures the Azure c600 achieves the highest sensitivity for near-IR applications. Easily upgrade other cSeries imaging systems in the field to the c600 via Azure's upgrade program.



Purchase a c300, c400, c500, or c600 System and receive a Thermal Printer FREE!

Description	Application	Cat. No.	Unit
c600	For IR, RGB, Chemi, and Gel Imaging	10147-214	Each
c500	For IR, Chemi, and Gel Imaging	10147-216	Each
c400	For RGB, Chemi, and Gel Imaging	10147-218	Each
c300	For Chemi and Gel Imaging	10147-220	Each

PROMO CODE 4515

GE Healthcare HiTrap[™] SP HP IEX Columns

HiTrap SP HP are pre-packed, ready-to-use SP Sepharose High Performance strong cation exchange columns for high-resolution, small-scale protein purification. HiTrap SP HP columns can be operated manually with a syringe and are compatible with ÄKTA[™] systems, including ÄKTA Start for convenience.



- 34 mm bead size for high-performance, high-resolution purifications
- Strong sulfopropyl (SP) cation exchanger
- Convenient and reproducible for fast, easy, high performance separations either alone or connected in series



Save up to 10% on select HiTrap SP HP IEX columns

Description	Size, mL	Cat. No.	Pack of 5
HiTrap SP FF	1	MP29-1793-46	128.26
HiTrap SP FF	5	MP29-1793-47	278.15
HiTrap SP HP	1	MP29-1793-44	132.35
HiTrap SP HP	5	MP29-1793-45	310.28

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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4512

Achieve Amazing Protein Yields Using TGE!

Stunning protein yields in suspension CHO & HEK-293 cells at an affordable price with FectoPRO[®]

The FectoPRO transfection kit is specifically designed for enhanced Transient Gene Expression (TGE) in suspension CHO and HEK-293 cells. It can be used in various serum-free media and requires only a small amount of DNA (<1 µg/mL of cell culture). The FectoPRO-mediated transfection process is easily scalable from a few mL to several liters of cell culture, ensuring robust, reproducible protein production. Increased productivity and low DNA requirements make FectoPRO a cost-effective solution for bioproduction processes.

- Cost-effective transient gene expression — uses less plasmid DNA
- Compatible with a variety of mammalian expression media & cell systems
- Compliant with biomanufacturing guidelines



Buy 10 mL of FectoPRO, Get 1 mL FREE!

Size	Cat. No.	Unit
10 mL	10118-444	Each
10 x 10 mL	10118-446	Each
Free Product		
1 mL	10118-842	Each

Valid once per customer.

PROMO CODE 4193

AcroPrep[™] Advance Filter Plates

Advancing Sample Prep and Analysis

Pall provides several purification and detection technologies to address the continuously increasing demands of high throughput screening and the diverse requirements of scientists.

- Smooth well design – provides consistency in filtration times, as well as efficient sample and bead recovery
- Optimized outlet tips – minimizes sample leakage during incubation steps and reduces the presence of hanging drops following filtration
- New well geometry – results in faster, more uniform filtration rates across the plate, for improved well-to-well, plate-to-plate, and lot-to-lot consistency



Buy 2 Packs, Get 1 of the Same Pack FREE!

Filter Type	Cat. No.	Unit
AcroPrep[™] Advance Filter Plates for Lysate Clearance		
350µL, 3.0µm Glass Fiber/0.2 µm Supor	97052-116	Pk. 10
350µL, 3.0µm Glass Fiber/1.2 µm Supor	97052-114	Pk. 10
1.0mL, 3.0µm Glass Fiber/0.2 µm Supor	97052-130	Pk. 5
2.0mL, 3.0µm Glass Fiber/0.2 µm Supor	97052-132	Pk. 5
AcroPrep[™] Advance Filter Plates for DNA Binding		
350µL, DNA Binding	89135-690	Pk. 5
1.0 mL, DNA Binding	89137-182	Pk. 10

PROMO CODE 4518

GE Healthcare Amersham™ ECL™ start and Amersham Protran™ Blotting Membranes



Buy One Roll of Amersham Protran, Get ECL Start FREE!

Amersham Protran offers excellent sensitivity, resolution, and low background, especially when used with Amersham ECL, Amersham ECL Prime, or Amersham ECL Select Western Blotting Systems. ECL Start Reagent is a luminol-based chemiluminescent substrate designed for the detection of proteins immobilized to a membrane.

- Proprietary nitrocellulose formula provides a long shelf life
- High binding capacity for small proteins (< M_r 10 000) reduces risk of "blow-through"
- Compatible with a variety of labeling and detection systems



Over \$100 Value!

Description	Cat. No.	Each
Amersham Protran 0.2mM, 300mm x 4m roll	MP29-1794-81	407.00
Amersham Protran 0.45mM, 300mm x 4m roll	MP29-1794-80	337.00

* Kits include 200mL ECL Start Western Blotting Detection Reagent in the box.
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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4516

GE Healthcare HiLoad™ Superdex™ Columns



HiLoad Superdex 75 prep grade are prepacked XK columns designed for high-resolution preparative size exclusion chromatography separating proteins and polynucleotides in the molecular weight range of M_r 3,000 to 70,000.

- High resolution with short run times and good recovery
- High capacity at high flow rates
- Separations can be scaled up to production levels



Save up to 10% on select HiLoad Superdex Prep Grade Columns!

Description	Cat. No.	Each
HiLoad 16/600 Superdex 75 pg	MP29-1793-48	2249.10
HiLoad 26/600 Superdex 75 pg	MP29-1793-49	3633.44

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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4513

Stock Up and Save with Tonbo Biosciences!



Your Source for Immunology Tools

Tonbo Biosciences enables your cell analysis workflow:

- Mouse & human antibodies + BrdU Kits for flow cytometry
- In Vivo Ready™ antibodies for functional assays
- RPX-Pro™ recombinant proteins for bioassays & cell culture
- Ghost Dye™ fixable viability dyes, 7-AAD, PI
- Flow cytometry support buffers - RBC Lysis, Sheath Fluid & more!



Buy \$500 in Tonbo Products, Get a FREE Antibody! (Up to \$185 Value!)

Offer good for one FREE 25µg or 25 test size single-vial antibody.

PROMO CODE 4534

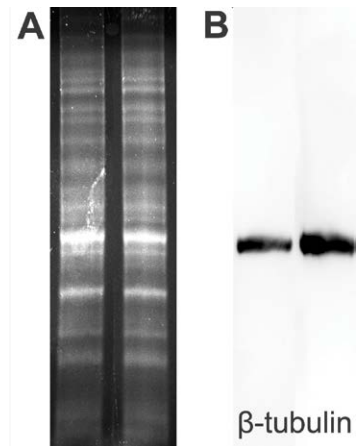
VWR Life Science AMRESCO Western Blotting Kits



Blast Through the Western Blotting Time Barrier

VWR Life Science AMRESCO's Rapid Western Blotting Kits include reagents for rapid transfer, rapid blocking, and rapid immunoblotting, streamlining the traditional western blotting protocol from blot to development using the researcher's current apparatus.

- Available for semi-dry or wet transfer protocols
- Rapid Transfer Buffer and RapidBlock™ Solution are included in kits or available separately



Save up to 25%

Description	Cat. No.	Each
Rapid Western Kit, Goat SDT	MP71005-986	161.40
Rapid Western Kit, Goat WT	MP71005-988	175.20
Rapid Western Kit, Mouse SDT	MP97063-312	161.40
Rapid Western Kit, Mouse WT	MP97063-316	175.20
Rapid Western Kit, Rabbit SDT	MP97063-314	161.40
Rapid Western Kit, Rabbit WT	MP97063-318	175.20
Rapid Western Kit, Rat SDT	MP71005-990	161.40
Rapid Western Kit, Rat WT	MP71005-992	175.20

PROMO CODE 3922

Advance Your Ability to Concentrate



Pall Centrifugal Devices

Choose from: 1k, 3k, 10k, 30k, 100k Microsep™ Advance Centrifugal Devices (max sample vol.: 5mL) or Macrosep™ Advance Centrifugal Devices (max sample vol.: 20mL)

- Omega™ modified polyethersulfone membrane provides high flow rates and low protein binding
- Low-binding polypropylene construction typically yields greater than 90% recovery



Buy 2 Centrifugal Devices, Get 1 of the Same FREE!

Size	Cat. No.	Unit	Size	Cat. No.	Unit
Microsep Advance Centrifugal Devices			Macrosep Advance Centrifugal Devices		
1k	89233-876	Pk. 24	1k	89233-882	Pk. 24
3k	89132-004	Pk. 24	3k	89131-974	Pk. 24
10k	89132-008	Pk. 24	10k	89131-980	Pk. 24
30k	89132-012	Pk. 24	30k	89131-986	Pk. 24
100k	89132-016	Pk. 24	100k	89131-992	Pk. 24

PROMO CODE 4409

Stock Your Lab With Basic Chemicals



VWR Life Science AMRESCO can help you stock up on:

- Acrylamide
- Antibiotics
- Glycine
- TAE/TBE
- Agarose
- Cell Culture Media
- PBS/TBS
- Tris



Buy \$500 in VWR Life Science AMRESCO Products, Get \$250 FREE!

Over 2000 VWR Life Science AMRESCO products are available on vwr.com. Free products are valued at VWR's list price.

PROMOTIONS FOR LIFE SCIENTISTS

Don't search for your antibodies.
Just find them!

vwr.com/antibody

30 Antibody Suppliers
Over 300,000 Antibodies
Multiple Applications
Variety of Conjugations



PROMO CODE 4288

VWR® Pipettor Trade-In: Save Money and Support Global Science



Seeding Labs will send your donated pipettor to scientists who are working on life-changing research.

Here's how...

- Purchase a VWR pipettor and save up to 40% off the standard list price!
- Send your old pipettor and decontamination form to the address listed on vwr.com.
Important: mark on the pipettor if it is in working order. A simple "good" or "bad" will do.
- Pipettors that are not in working order will be RECYCLED!
- Working pipettors will be donated to scientists and educators in developing countries.



Visit vwr.com/promotions and search for promo code **4288** to learn more about this promotion.

PROMO CODE 4399



Labconco ScrubAir™ Pipette Washer/Dryer

Buy a ScrubAir Pipette Washer/Dryer and receive a case of KIMAX® pipettes FREE!

The ScrubAir Pipette Washer/Dryer automates the traditionally time-consuming process of washing and drying glass pipettes. Percolating action of compressed air and water scrubs the interior walls while water and detergent cascade down the outside walls.

- Uses as little as 12.5L of tap/pure water, which can add up to savings of \$2900 or more compared to traditional siphoning methods that can use over 600L per load
- Dries in about 4 hours; models with built-in heater dry twice as fast
- Accommodates from 12 to 60 pipettes depending on bulb and stem diameters



\$145 Value

Search for promo code 4399 on vwr.com/promotions for complete information on all qualifying catalog numbers.

Description	Cat. No.	Unit
ScrubAir, 115V	10496-592	Each
ScrubAir, 230V North America	10496-596	Each
ScrubAir with Heater, 115V	10497-270	Each
ScrubAir with Heater, 230V North America	10497-274	Each

PROMO CODE 4517

GE Healthcare UniPrep™ Syringeless Filters



UniPrep Syringeless Filters are preassembled devices for the filtration and storage of laboratory samples. These devices are quick and easy to use and feature a plunger, filter, and vial in one unit. They replace syringe-coupled filtration devices with single, disposable units.

- Integral storage vial saves time and minimizes laboratory waste
- Broad choice of membranes for wide sample compatibility
- Built-in glass fiber prefilter means even difficult samples are quick and easy to prepare



Save up to 30%

Description	Cat. No.	Pack of 50
0.2µm Filters		
UniPrep Syringeless Filter, Nylon	MP29-1793-50	159.60
UniPrep Syringeless Filter, PTFE	MP29-1793-51	159.60
UniPrep Syringeless Filter, PVDF	MP29-1793-52	159.60
0.45µm Filters		
UniPrep Syringeless Filter, GMF	MP29-1793-53	159.60
UniPrep Syringeless Filter, Nylon	MP29-1793-54	159.60
UniPrep Syringeless Filter, PTFE	MP29-1794-78	159.60
UniPrep Syringeless Filter, PVDF	MP29-1794-79	159.60

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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4209

VWR® CO₂ Incubators



Purchase any VWR CO₂ Incubator and get a FREE case of 100 VWR® Standard (10062-862) or Vented (10062-860) Cell Culture Flasks

Designed for optimal cell growth and protection, these CO₂ incubators deliver the performance and flexibility your cultures demand.

Free Flasks - Value over \$300!



Description	Sensor	Capacity, cu. ft.	Cat. No.	Unit
Air-Jacketed CO₂ Incubators				
Single Unit	TC	1.4	10810-742	Each
Basic Single Unit	TC	5.3	10810-888	Each
Single Unit	TC	6.5	10810-902	Each
Single Unit	IR	6.5	10810-944	Each
Dual-Stacked	TC	2 x 6.5	10811-002	Each
Dual-Stacked	IR	2 x 6.5	10811-004	Each
Water-Jacketed CO₂ Incubators				
Single Unit	TC	6.5	10810-744	Each
Single Unit	IR	6.5	10810-878	Each
Dual-Stacked	TC	2 x 6.5	10810-884	Each
Dual-Stacked	IR	2 x 6.5	10810-886	Each

Offers expire 9/30/2016 unless specified otherwise. Visit vwr.com/promotions and enter promo code in the 'FIND' box for promo details and redemption information. See promotion terms and disclaimers at vwr.com/promotions. All prices in US dollars.

PROMO CODE 4533

Quanta**bio**
We put the Q in qPCR

Special Offer on qPCR Reagents for microRNA!

The qScript™ microRNA cDNA Synthesis Kit is optimized to provide highly-sensitive reverse transcription of small, non-coding RNA from total RNA or miRNA-enriched templates. Each small non-coding RNA present in the original sample is reverse transcribed into stable first strand cDNA for seamless microRNA quantification with wet-lab validated PerfeCTa® miR Assays and PerfeCTa SYBR® Green SuperMixes.

- Ultrapure, engineered enzymes deliver maximum yield and assay sensitivity
- Stringent hot-start technology ensures precise primer elongation and confident Cq determination with SYBR Green dye
- Temperature stabilized reagent components enable user-friendly assembly at ambient temperature

Buy-2-Get-1-Free, Mix-and-Match!

Description	Size	Cat. No.	Unit
Group 1*			
qScript microRNA cDNA Synthesis Kit	25 x 20µL rxn	89168-788	Each
PerfeCTa SYBR Green SuperMix	250 x 20µL rxn	101414-150	Each
PerfeCTa SYBR Green SuperMix, LR	250 x 20µL rxn	101414-134	Each
PerfeCTa SYBR Green SuperMix, R	250 x 20µL rxn	101414-126	Each
Group 2			
qScript microRNA cDNA Synthesis Kit	100 x 20µL rxn	89168-790	Each
PerfeCTa SYBR Green SuperMix	1250 x 20µL rxn	101414-152	Each
PerfeCTa SYBR Green SuperMix, LR	1250 x 20µL rxn	101414-136	Each
PerfeCTa SYBR Green SuperMix, R	1250 x 20µL rxn	101414-128	Each

* Qualifying orders must purchase two items from the same group

PROMO CODE 4541

Lonza

The Right Agarose for the Right Fragment

The Best Agarose for Small and Difficult-to-Separate Bands

Using the wrong agarose can result in missing data that could be vital to your experiments. Lonza NuSieve Agarose is a standard melting temperature agarose that yields strong gels for fine resolution of small DNA, RNA, and PCR products ≤1kb. Lonza MetaPhor® is an intermediate melting temperature agarose that provides great resolution capabilities and is ideal for fragments differing in size by 2% in the range of 200 to 800bp.



Buy 100g or More of Any NuSieve or Metaphore Agarose and get a SimplyLoad DNA Ladder FREE!

Description	Size, g	Cat. No.	Unit
MetaPhor Agarose	125	12001-916	Each
MetaPhor Agarose	500	12001-920	Each
NuSieve 3:1 Agarose	125	12001-726	Each
NuSieve 3:1 Agarose	500	12002-106	Each
NuSieve GTG Agarose	125	12001-720	Each
NuSieve GTG Agarose	500	12001-724	Each
FREE			
Extended Range DNA Ladder, 20–1,000bp		12001-496	Each

PROMO CODE 4522

Streamline your RT-PCR!

Sensitive and Robust End-Point Detection of RNA Templates with the OneTaq® One-Step RT-PCR Kit

The OneTaq One-Step RT-PCR kit offers sensitive and robust end-point detection of RNA templates. cDNA synthesis and PCR amplification steps are performed in a single reaction using gene-specific primers, resulting in a streamlined RT-PCR protocol. Two optimized reaction mixes are included: OneTaq One-Step Reaction Mix and Quick-Load® OneTaq One-Step Reaction Mix. The unique OneTaq Quick-Load One-Step Reaction Mix contains additional dyes, in order to provide color indication for reaction set up, as well as for direct gel loading.


- High-yield amplification with minimal optimization
- Capable of amplifying long transcripts up to 9kb in length
- Perform multiplex detection for two or three targets

US ONLY

Contact your VWR Rep for a trial kit!

Description	Size	Cat. No.	Unit
OneTaq® One-Step RT-PCR Kit	30 Rxn	102877-818	Each

Product not available in Canada.



PROMO CODE 4446

A Safe DNA Dye Compatible with Blue-Light Visualization

EZ Vision® BlueLight is a sensitive, non-mutagenic and environmentally safe fluorescent dye compatible with gel documentation using blue-light excitation. Available as a 10,000X concentrated solution.

- In-gel or post gel staining
- Sensitivity down to 1-3ng DNA
- Does not affect integrity for downstream applications

Save up to 30%!

Description	Size	Cat. No.	Each
EZ Vision BlueLight	0.5 mL	MP10791-798	61.07

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 VWR Customer Service at 1.800.932.5000.



PROMO CODE 4523

Count on your NGS library quantitation with NEBNext®!

Improved Accuracy and Consistency of Library Quantitation for Illumina® Sequencing

The NEBNext Library Quant Kit delivers significant improvements to qPCR-based library quantitation for Illumina next generation sequencing. The kit contains primers that target the P5 and P7 Illumina adaptor sequences and a set of high-quality, pre-diluted DNA standards to enable reliable quantitation of diluted DNA libraries between 150–1,000bp.


- Provides more accurate and reproducible quant values for NGS libraries than alternative methods and kits
- Compatible with libraries containing a broad range of insert sizes and GC content
- Requires only four standards, allowing more libraries to be quantitated per kit

US ONLY

Contact your VWR Rep for a trial kit!

Description	Cat. No.	Unit
NEBNext Library Quant Kit for Illumina	102942-190	Pack of 100 reactions
NEBNext Library Quant Kit for Illumina	102942-192	Pack of 500 reactions

Product not available in Canada.



PROMOTIONS FOR LIFE SCIENTISTS

PROMO CODE 4531

analytikjena

qTOWER 2.0 or 2.2 qPCR Thermal Cycler

Quantitative PCR in Standard 96-Well SBS Format

Bundle includes FREE laptop loaded with qPCRsoft software for control/evaluation, FREE color module 1 for use with FAM, SYBR® Green, and Alexa Fluor® 488 dyes, and FREE starter kit with 96-well microplates and sealing film. Additional color modules are available separately. 10-year warranty on optical components.

- Heating and cooling rates are fast and efficient with ramping rates of up to 5.5°C/sec.
- System is optimized for volumes of 10-60µL with detection of 96 samples in 6 sec.
- High quality gold-plated silver block ensures temperature homogeneity of 0.2°C across the full block.



high end optical components
★ 10 Years ★
long-term warranty

Description	Cat. No.	Each
qTOWER 2.0 Bundle	10222-324	20,890.00
qTOWER 2.2 Bundle	10222-326	21,990.00

PROMO CODE 3792

C.B.S. SCIENTIFIC
COMPANY, INC.

Flexicast Horizontal System with Power Supply Bundle

Bundle includes the Flexicast System with 3 different winged gel trays, 2 combs, adjustable gel casting system, and a 300V Power Supply. A versatile unit for any lab, the gel trays are 14cm wide with lengths of 8cm, 12cm, and 16cm. Maximum of 108 samples.

- Features removable electrode cassettes to make cleaning and replacement easy
- 300V, 500mA Power Supply covers a broad spectrum of applications
- Continuously adjustable caster is easy to use and adaptable to any gel tray ≤16cm(w) and between 8–20cm (l)



Save over \$200 by
Purchasing the Bundle!

Description	Cat. No.	Each
Flexicast Horizontal and Power Supply Bundle	MPWMGE-600PS	943.00

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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4423

Thermo
SCIENTIFIC

DNAPac PA200 Oligonucleotide Columns

Strong Anion Exchange Column for high-resolution analysis and purification of synthetic oligonucleotides.



Save up to 25%

Description	Cat. No.	Each
DNAPac PA200 Analytical column	MP10044-476	1002.10

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 VWR Customer Service at 1.800.932.5000.

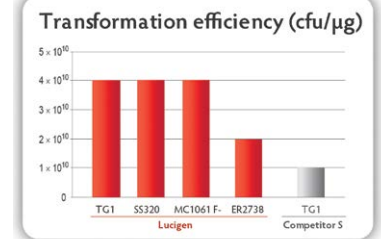
PROMO CODE 4514

Lucigen®

Sample the Best Competent Cells for Cloning, CRISPR & Phage Display Options

Lucigen offers the best performance, value, and convenience in competent cells for cloning and expression. For general cloning and plasmid propagation, try the E. coli competent cells. For unstable sequences, including CRISPR applications, try the Endura competent cells.

- Highest transformation efficiency
- Flexible formats in tubes or plates
- Custom cells following ISO 13485 standards to meet your needs



Comparison of Competent Cells
for Phage Display

Contact your VWR rep
for a FREE sample kit!

Description	Rxns	Cat. No.	Unit
E. coli* 10G Chemically Competent Cells, Sample Size	4	MP89002-675	Each
E. coli* 10G Electrocompetent Cells, Sample Size	4	MP89002-659	Each
Endura™ Chemically Competent Cells, Sample Size	4	MP71003-029	Each
Endura™ Electrocompetent Cells, Sample Size	4	MP71003-037	Each
Phage Display ElectroCombo Pack, Sample Size	12	MP95040-451	Each

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 VWR Customer Service at 1.800.932.5000.

PROMO CODE 4530

SGIDNA
A Synthetic Genomics, Inc. Company

Gibson Assembly® Kits from Synthetic Genomics

Efficient, Restriction Digest-Free, High Fidelity Cloning of Single or Multiple Fragments in an Hour!

Gibson Assembly Kits provide a simple and effective method to create seamless plasmid constructs, clone synthetic genes, build genetic pathways, or even entire genomes. Using a specialized mix of enzymes and reagents you can quickly and easily generate simple, as well as complex constructs. With Gibson Assembly kits, you can insert single or multiple DNA fragments in one round of cloning, or perform multi-stage reactions to create large constructs up to 1,000kb in length.

- Assemble up to 15 inserts in a single reaction
- Clone inserts from 100bp to 100kb
- Perform site-directed mutagenesis at up to five sites in a single reaction



Sample Kits Available!
Contact your VWR Rep
for More Information.

PROMO CODE 4563

VWR
COLLECTION

VWR® Deep Well Plates

VWR's deep well plates are designed to be manipulated by robots and can be autoclaved and sealed using film or mats. The notched corner plates have double alignment notches and are labeled on three sides with an alpha-numeric grid.

- Printed alpha-numeric labeling
- Smooth inside surfaces
- Freezable to -80°C; autoclavable to 122°C

Buy 2 Packs of 96-Well Plates,
Get 1 FREE!



Well Volume, mL	Sterile	Cat. No.	Unit
1.2	No	10755-258	Pk. 10
1.2	Yes	10755-246	Pk. 10
2.2	No	10755-248	Pk. 10
2.2	Yes	10755-250	Pk. 10

PROMO CODE 4536

VWR Life Science Seradigm FB Essence

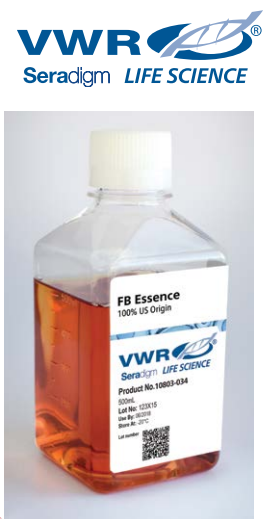
Performance & Quality Unlike Any Other

FB Essence is a nutritionally rich, cost-effective alternative to Fetal Bovine Serum (FBS) containing FBS, Bovine Calf Serum (BCS), Equine Serum, and a proprietary blend of supplements, vitamins, minerals, and growth factors.

FB Essence is ideal for primary cell lines and is proven effective for suspension, adherent, and "finicky" cell lines. It offers superior product performance and quality, low endotoxin and hemoglobin levels, and features ISIA certified traceability and seal of quality. FB Essence is 100% US origin.

- High performance
- 100 % US origin
- Long-term price stability

Get 9 Bottles for the Price of 6!



Process	Size, mL	Cat. No.	Case of 9
None	500	MP3100-500	1350.00
Heat Inactivated	500	MP3100-500H	1426.80

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 VWR Customer Service at 1.800.932.5000.

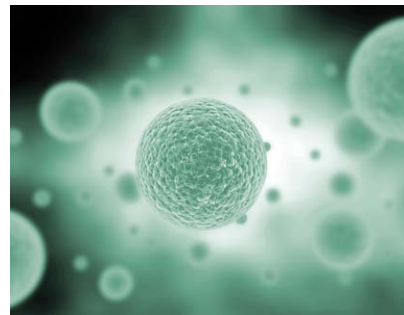
PROMO CODE 4412

CELLESTIAL® Trial Size Offer

CELLESTIAL assay kits use high-specificity, next-generation fluorescent molecular probes that have been extensively benchmarked for live cell analysis applications.

Assays include:

- Aggresome/Inclusion Body Detection
- Apoptosis/Necrosis
- Autophagy
- Calcium Mobilization
- Cell Cycle Analysis
- Cell Lineage Tracing
- Cell Viability
- Multidrug Resistance
- Organelle Detection
- Oxidative Stress



Order any trial CELLESTIAL® Assay Kit and save up to 50% .

Conditions for Promo:

- Promo good for one time use only per eligible product, per customer.

Search for promo code 4412 on vwr.com/promotions for complete information on qualifying catalog numbers.



PROMO CODE 4214

VWR® CryoPro® Rack Systems

BR Series Bundles

Combining the convenience of box vial storage with the economy of a low nitrogen loss design, the BR Series provides the perfect solution for medium to large storage needs. 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.

Bundle includes rollerbase, one pair of cryogenic gloves, and the full capacity of fiberboard boxes.



Description	Capacity, 2ml Vials	Cat. No.	Each
BR-1 Rack System	875	10027-588	3776.57
BR-2 Rack System	2,500	10027-590	6469.10
BR-3 Rack System	5,000	10027-530	7435.69
BR-4 Rack System	7,000	10027-532	8488.61



PROMO CODE 4487

Corning® Media, the Classic Choice

From start-up to scale-up, Corning classical cell culture media is designed to support the growth of a variety of cells. Our broad selection of growth media also includes products that are able to add nutrients, such as amino acids and nitrogen.

- Products are available in a variety of sizes (Promotion sizes are 500mL)
- Ability to provide custom solutions
- Broad product line
- Thirty-year manufacturing history



Buy 4 Cases of Select Corning Media, Get 1 Case FREE!

Description	Cat. No.	Unit
CMRL 1066 without L-Glutamine	45001-114	Pk. 6
Dulbecco's Modification of Eagle's Medium (DMEM) 4.5 g/L Glucose, L-Glutamine, and Sodium Pyruvate	45000-304	Pk. 6
Dulbecco's Modification of Eagle's Medium (DMEM) with 4.5 g/L Glucose and L-Glutamine, without Sodium Pyruvate	45000-312	Pk. 6
Leibovitz's L-15 with L-Glutamine	45000-372	Pk. 6
Medium 199 (Mod.) with Earle's Salts and L-glutamine	45000-378	Pk. 6
Minimum Essential Medium (MEM)	45000-380	Pk. 6
RPMI 1640 with L-Glutamine	45000-396	Pk. 6
RPMI 1640 with L-Glutamine and 25 mM HEPES	45000-412	Pk. 6

PROMO CODE 4540

Leucosep™ Tubes

Enrichment of PBMCs from Whole Blood

Leucosep tubes maximize the effectiveness of the separation of monocytes and lymphocytes from whole blood in a rapid and easy fashion, while reducing blood specimen handling. A porous barrier, firmly positioned within the tube, enables a distinct separation between blood specimen and density gradient media, eliminating the need for cumbersome layering steps.

- Fritted tube enables peripheral blood pour-off and eliminates cumbersome layering steps
- Rapidly secure isolates
- Available empty or pre-filled with Leucosep separation medium



Buy a Case of LeucoSep Tubes, Get a Pack FREE!

Description	Cat. No.	Unit
Buy a Case of 12 mL Leucosep® Tube w/Porous Barrier at 3 mL graduation, PP		
Sterile, Round Bottom, Unfilled	89048-932	Cs. 500
Aseptic, Round Bottom, Pre-filled w/1.077 g/mL PBMC Separation Medium	89218-662	Cs. 500
Get a Pack FREE		
Sterile, Round Bottom, Unfilled	89048-934	Pk. 50
OR		
Buy a Case of 50 mL Leucosep® Tube w/Porous Barrier at 15 mL graduation, PP		
Sterile, Conical Bottom, Unfilled	89048-936	Cs. 300
Aseptic, Conical Bottom, Pre-filled w/1.077 g/mL PBMC Separation Medium	89136-192	Cs. 250
Get a Pack FREE		
Sterile, Conical Bottom, Unfilled	89048-938	Pk. 25

PROMOTIONS FOR LIFE SCIENTISTS

PROMO CODE 4538

VWR® C-Leg Lab Bench

VWR lab benches are ergonomically designed to meet the needs of laboratory personnel. There are many possible adjustments, all components fit together seamlessly, and each detail is designed for real world functionality. Purchase any single-bay C-Leg Manual Workstation with a phenolic work surface and receive a magnetic LED light for under shelf attachment FREE!

- C-Leg frame design supports 1100 lbs!
- Manually adjustable height from 26.62"-44.34"
- Includes C-Leg manual table frame, phenolic work surface, single bay uprights, and two 12"D shelves



Purchase a VWR C-Leg Manual Workstation and receive a FREE Accessory!

Workstation Size (D x W)	Shelves	Cat. No.	Unit
30" x 48"	2 - 48"W Shelves	89524-240	Each
30" x 60"	2 - 60"W Shelves	89524-242	Each
30" x 72"	2 - 72"W Shelves	89524-244	Each
36" x 48"	2 - 48"W Shelves	89524-876	Each
36" x 60"	2 - 60"W Shelves	89524-878	Each
36" x 72"	2 - 72"W Shelves	89524-880	Each
FREE Accessory			
36" Single LED Light with Magnetic Attachment		89421-644	Each

PROMO CODE 4486

It's Easy to Switch and Save with Corning!

Manufactured under the current ISO 13485 standard and the FDA Quality System Regulation 21 CFR 820, current good manufacturing practices (cGMP). Corning high-quality water and buffers are available in a variety of sizes.

- Use alone or in combination with other agents for washing tissues and cells
- Buffered salt solutions are made to a physiological pH and salt concentration
- Reduce the expense of installing and maintaining your own water system, or secure a secondary source of water that meets your specifications

CORNING



Buy 3 Cases of Select Corning® Media Buffers or Water, Get 1 Case FREE!

Description	Cat. No.	Unit
Dulbecco's Phosphate-Buffered Saline, 10X with Calcium and Magnesium	45000-426	Pk. 6
Dulbecco's Phosphate-Buffered Saline, 1X with Calcium and Magnesium	45000-430	Pk. 6
Dulbecco's Phosphate-Buffered Saline, 1X without Calcium and Magnesium	45000-434	Pk. 6
Hank's Balanced Salt Solution, 1X without Calcium, Magnesium and Phenol Red	45000-462	Pk. 6
Phosphate-Buffered Saline, 1X Without Calcium and Magnesium	45000-446	Pk. 6
Water, Cell Culture Grade, Tested to USP for Injection Specifications, Sterile	45000-672	Pk. 6
Water, Molecular Biology Grade, Tested to USP Sterile Purified Water Specifications	71002-726	Pk. 6

* All options for this promotion are 500mL

PROMO CODE 4432

Mix and Match Corning Products

- Purchase 3 cases of Corning® media products and choose 1 case of Corning or Falcon® cell culture products or Corning cryogenic vials
- Purchase 3 cases of Corning filtration products and choose 1 case of Corning media or cell culture product

Visit vwr.com/promotions and search for Promo Code 4432 for a complete list of qualifying skus.

CORNING



Buy 3 Cases, Get 1 Case FREE!

PROMO CODE 4350

Special Pricing!

- Flasks are optimally designed for all aerobic and anaerobic suspension cultures
 - Bottles are made from Eastar™ PETG resin that meets USP Class VI biocompatibility
- Flasks and bottles are gamma sterilized to SAL 10⁻⁶ and come with caps attached



Save more than 35% on select VWR Collection Plasticware

Capacity	Cat. No.	Price
VWR® Erlenmeyer Flasks		
125 mL	MP89095-258	Cs. 50/ 410.95
3 L	MP10126-410	Pk. 3/146.49
VWR® Media Bottles		
1 L	MP89132-056	Pk. 12/ 54.77

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 VWR Customer Service at 1.800.932.5000. For additional sizes at discounted prices, search for promo code 4350 on vwr.com/promotions

PROMO CODE 4537

USP Environmental Monitoring Plates



Accurately Determine Viable Microbial and Nonviable Particulates of Controlled Environments

Irradiated contact and mono-plates for environmental monitoring are available with friction lids. Simply tap the contact plate lid to affix it securely to the base; no twisting required. Triple bagged with a Hydrogen Peroxide Vapor (HPV) Barrier and an impermeable Mylar® outer bag for use with HPV systems. Tear notch on the outer bag makes for easy opening.

- Sterile by irradiation — validated for a Sterility Assurance Level (SAL) of 10⁻⁶
- Triple Bagged — two nylon inner bags with twist ties; one heat-sealed outer Mylar® bag
- Certified to ISO 13485 — manufactured in a licensed cGMP facility with the quality management system certified to ISO 13485



Save up to 25%

Description	Cat. No.	Pack of 10
D/E Neutralizing Agar, 15x60mm for Surface Testing, 13.5mL Fill	MPP130	55.41
Sabouraud Dextrose (Sabdex) Agar, 15x100mm, 26mL Fill	MPW1770	55.42
Sabouraud Dextrose (Sabdex) Agar with Lecithin and Tween® 80, 15x60mm, 15mL Fill	MPP750	46.84
Tryptic Soy Agar (TSA), 15x100mm, 26mL Fill	MPW1670	34.23
Tryptic Soy Agar (TSA), 15x100mm, 34mL Fill	MPW3670	44.64
Tryptic Soy Agar (TSA), 15x100mm Red Plate, 34mL Fill	MPW3770R	34.90
Tryptic Soy Agar (TSA, Soybean Casein Digest Agar) with Lecithin and Tween® 80, 15x60mm	MPP740	46.59
Tryptic Soy Agar (TSA, Soy Bean Casein Digest Agar), with Lecithin and Tween® 80, 15x60mm Red Plate	MPP740R	46.72

VWRbioMarke™ Shop!

PROMO CODE 4519

GE Healthcare HyClone™ Cell Culture products

Improve Growth Promotion and Separation

- Cell dissociation reagents detach and disaggregate adherent cells
- Antibiotics control bacterial, yeast, fungal, and mycoplasma contaminations
- Cell Boost supplements are formulated to provide nutrients to multiple cell lines

Save up to 30%

Description	Size	Cat. No.	Each
Antibiotics			
Penicillin/Streptomycin/Glutamine Solution	100 mL	MP16777-164	18.32
Cell Dissociation Reagents			
HyQTase Cell Detachment Solution, (Non-Mammalian)	100 mL	MP82013-746	35.11
SG-200, (Stable dipeptide of L-Alanyl L-Glutamine)	100 mL	MP82024-258	35.94
Trypsin 0.25% Solution, 1X, with 2.5 g Porcine Trypsin	100 mL	MP95053-258	18.53
Trypsin 2.5% Solution, 10X, with 25.0 g Porcine Trypsin	100 mL	MP95053-260	32.37
Supplements			
L-Glutamine	100 mL	MP16777-162	16.57
Cell Boost 5 (CN-F) Supplement, without L-Glutamine	100 g	MP95026-624	171.51
Cell Boost 6 (CN-T) Supplement, without L-Glutamine	100 g	MP95026-626	185.06

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 VWR Customer Service at 1.800.932.5000.



PROMO CODE 4520

GE Healthcare HyClone™ Serum-Free Media

Enhance Transfection, Increase Cell Viability, and Optimize Productivity

HyClone serum-free media are designed to support superior performance in multiple cell culture platforms. Our developmental approach produces serum-free media designed to increase process yields for each respective cell platform.

- Nutrient-rich formulations for Insect, HEK, and CHO cells
- Optimized to reduce testing and validation times

Save up to 30%

Description	Cat. No.	Each
HyCell™ TransFx-C Medium	MP10842-656	79.12
HyCell™ TransFx-H Medium	MP10842-584	81.17
SFX-Insect	MP16777-393	57.47

*All media listed here is in 1L bottles.

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PROMO CODE 4287

VWR® Ultra-Low Temperature Freezers

Upright freezers feature a triple-point silicone door gasket, three fully-adjustable stainless steel shelves (bottom of unit acts as fourth shelf), lockable casters, and a vacuum relief port for easy re-entry following door closings. Acoustic mufflers and sound absorbing foam reduce noise. To reduce cold air loss, units feature four inner doors.

- Four capacities allow storage from 240 up to 600 2" storage boxes
- State-of-the-art refrigeration system with excellent temperature control and reserve capacity
- Power management system protects against high and low voltage conditions to optimize freezer performance

Save when you purchase a VWR ULT Upright Freezer Bundle with Shelves of Sliding Drawer Racks for 2" Boxes!



Description	Offer includes	Cat. No.	Each
-86°C; 240 Box Capacity; 13 cu. ft.	8 Sliding Drawer Racks	10160-756	15,157.48
-86°C; 240 Box Capacity; 13 cu. ft.	8 Sliding Drawer Racks	10160-758	15,157.48
-86°C; 320 Box Capacity; 17 cu. ft.	8 Sliding Drawer Racks	10160-760	15,764.15
-86°C; 320 Box Capacity; 17 cu. ft.	8 Sliding Drawer Racks	10160-762	15,764.15
-86°C; 400 Box Capacity; 23 cu. ft.	10 Sliding Drawer Racks	10160-764	16,484.12
-86°C; 400 Box Capacity; 23 cu. ft.	10 Sliding Drawer Racks	10160-766	16,484.12
-86°C; 600 Box Capacity; 28 cu. ft.	12 Sliding Drawer Racks	10160-768	17,769.56

PROMO CODE 4532

Human Embryonic Stem Cell Media

Maintenance Media for hESCs and hiPSCs

- Phenol red-free
- Insulin-free
- Complete & chemically-defined
- High plating efficiency
- All growth factors manufactured in-house at PeproTech

Save up to 10% on hESC Media

Description	Size	Cat. No.	Each
PeproGrow hESC	100 mL	MPBMHESC100ML	80.00
PeproGrow hESC	500 mL	MPBMHESC500ML	200.00

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 VWR Customer Service at 1.800.932.5000.



VWR Life Science Cell Culture Media and Reagents

VWR introduces classical media and supporting reagents for cell culture. Researchers looking for a source of classical media for cell culture now have a cost-effective solution available from the VWR Life Science line of products.

Products include

- DMEM:** Both high glucose and low glucose options are available
- RPMI:** Available with or without L-Glutamine
- Balanced Salt Solutions and Reagents:** Dulbecco's Phosphate Buffered Saline (DPBS) HBSS, Trypsin, and L-Glutamine

To view additional products for your cell culture workflow, please visit vwr.com/cellculture.



NEW!



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