



Supply Center Catalog

University of Rochester
Biological Supply Center, Room G-8633
www.urmc.rochester.edu/biological-supply
585-275-5731

Featuring Product Brands:

Chemicon
Millipore

Upstate
Linco

Calbiochem
Novagen

Special orders for non-stocked EMD Millipore products always accepted
Free Shipping & Free Dry Ice charges always included

Antibiotics

Catalog No.	Product Description	Size
203350-25MG	Blasticidin S, HCl	25 mg
345810-5GM	G 418 Sulfate, Cell Culture Tested	5 g
400051-1MU	Hygromycin B, Streptomyces sp. 10 ⁶ units is equivalent to ~900 mg; 1 MU = 1,000,000 units	1 MU
407950-1MG	Ionomycin, Free Acid, Streptomyces conglobatus highly specific for divalent cations (as a mobile ion carrier for Ca ²⁺). Useful for studies of Ca ²⁺ transport across biological membranes and measurement of cytoplasmic free Ca ²⁺ . Induces apoptotic neuronal degeneration in embryonic cortical neurons and cell cycle arrest in the G1 phase in mature Burkitt lymphoma cell lines.	1 mg
540411-25MG	Puromycin, DiHCl, Cell Culture-Tested protein synthesis inhibitor. Inhibits translation by causing premature release of nascent polypeptide chains. Induces DNA fragmentation in thymocytes and in human HL-60 leukemia cells.	25 mg

Cell Culture, Serum & Cell Culture Vessels

Catalog No.	Product Description	Size
SCR005	Accutase	100 ml
S26-100ML	Goat Serum	100 ml
391338-500GM	HEPES, Free Acid, ULTROL® Grade	500 gm
PEZGS0416 ❖	Millicell EZ SLIDE Chamber, 4-well glass, sterile Culture, fix, stain & view your sample all in one device. Easy well removal eliminates the worry of breaking slides or harming cells. No leaky wells	16/pack
PEZGS0816 ❖	Millicell EZ SLIDE Chamber, 8-well glass, sterile Culture, fix, stain & view your sample all in one device. Easy well removal eliminates the worry of breaking slides or harming cells. No leaky wells	16/pack
A-003-E	Poly-D-Lysine solution, 1.0 mg/ml	20 ml

❖ = Courtesy of Fisher Scientific

Sterile Vacuum Filtration Systems

Catalog No.	Product Description	Size
SCGP00525 ❖	SteriFlip, 50mL, Express Plus PES membrane, 0.22um Designed to work with standard 50mL centrifuge tubes. Eliminates sample transfer.	25/pk
SCGPT05RE ❖	SteriTop Bottle Top Filter, 500mL, Express Plus PES, .22um, 45mm Rapid sterile filtration of aqueous fluids into a wide-mouth (45mm) bottle. The threads for bottle attachment are slightly recessed in case the funnel accidentally touches a work surface.	12/pk
SCGPU05RE ❖	SteriCup Filtration System, 500mL, Express Plus PES, .22um Combines a Steritop filter unit with a Receiver Flask for volumes of 500 mL. No-tip, easy grip flask design. Receiver flask bottom is slightly recessed, enabling capped flasks to be stacked for convenient storage. Fins on cap allow for easy, one-hand opening	12/pk

❖ = Courtesy of Fisher Scientific

Sterile Syringe Filters

Catalog No.	Product Description	Size
SLGP033RS ❖	Millex Syringe Filter, 33mm, 0.22um, PES Membrane, gamma sterilized 200mL process volume. Sterilize culture media & additives, protein solutions, virus suspensions, DNA, and other aqueous solutions	50/pk

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Protein Concentrators, Ultrafiltration, & Buffer Exchange Devices

Catalog No.	Product Description	Size
UFC500324 ❖	Amicon Ultra Protein Concentrator, 0.5ml, 3K, 24/pk	24/pk
UFC501024 ❖	Amicon Ultra Protein Concentrator, 0.5ml, 10K, 24/pk	24/pk
UFC503024 ❖	Amicon Ultra Protein Concentrator, 0.5ml, 30K, 24/pk	24/pk
UFC800324 ❖	Amicon Ultra Protein Concentrator, 4ml, 3K, 24/pk	24/pk
UFC801024 ❖	Amicon Ultra Protein Concentrator, 4ml, 10K, 24/pk	24/pk
UFC803024 ❖	Amicon Ultra Protein Concentrator, 4ml, 30K, 24/pk	24/pk
UFC900324 ❖	Amicon Ultra Protein Concentrator, 15ml, 3K, 24/pk	24/pk
UFC901024 ❖	Amicon Ultra Protein Concentrator, 15ml, 10K, 24/pk	24/pk
UFC903024 ❖	Amicon Ultra Protein Concentrator, 15ml, 30K, 24/pk	24/pk

❖ = Courtesy of Fisher Scientific

Western Blotting Substrates & Membranes

Catalog No.	Product Description	Size
WBKLS0500 ❖	Immobilon Western Chemilumiscent HRP Substrate	2 x 250 mL
WBLUC0500 ❖	Luminata Classico Western HRP Substrate, Premixed premixed for convenience, for everyday detection needs	500 mL
WBLUR0500 ❖	Luminata Crescendo Western HRP Substrate, Premixed premixed for convenience, for detection in the pictogram range	500 mL
WBLUF0500 ❖	Luminata Forte Western HRP Substrate, Premixed premixed for convenience, for detection in the femtogram range Store at Room Temperature	500 mL
IPFL00010 ❖	PVDF, Immobilon-FL, 26.5cm x 3.75m Roll, 0.45um for fluorescent detection of proteins >20kDa	Roll
IPVH00010 ❖	PVDF, Immobilon-P, 26.5 x 3.75m Roll, 0.45um for proteins >20kDa	Roll

❖ = Courtesy of Fisher Scientific

PCR Enzymes & Co-Precipitants

Catalog No.	Product Description	Size
71085-3	KOD DNA Polymerase <ul style="list-style-type: none"> Pure recombinant high fidelity DNA polymerase from <i>Thermococcus kodakaraensis</i> KOD1 	250 units
71086-3	KOD Hot Start DNA Polymerase <ul style="list-style-type: none"> Heat-activatable form for increased specificity and convenient PCR setup Amplifies genomic DNA up to 12 kbp and plasmid DNA up to 21 kbp, including GC-rich regions 	200 units
71975-3	KOD Xtreme Hot Start DNA Polymerase <ul style="list-style-type: none"> KOD Hot Start system optimized for difficult targets Best in class amplification for a wide array of crude lysates Amplification of targets up to 90% GC rich sequences resistant to PCR due to hairpin secondary structures Amplify long PCR targets (tens of kilobases) 	200 units
69049-3	Pellet Paint Co-Precipitant <ul style="list-style-type: none"> Rapid, quantitative precipitation of DNA and RNA, including PCR clean-up; Two minute precipitation Visible/fluorescent dye-labeled carrier formulated specifically for use in alcohol precipitation of nucleic acids Does not interfere with many procedures including PCR, sequencing, ligation, transformation of <i>E. coli</i>, transcription, translation, cDNA synthesis, RNase protection assays, or restriction digestion 	125 rxns

Antibodies (Upstate, Chemicon & Calbiochem Brands)

Catalog No.	Product Description	Size
<i>All QC validated - 100% Satisfaction Guarantee</i> <i>Special Orders always available too!</i>		
MAB1501	Actin, Mouse mAb, clone C4	100 ul
MAB1501R	Actin, Mouse mAb, clone C4	100 ug
CP01-1EA	Actin (Ab-1), Mouse mAb (JLA20), supplied with goat anti-mouse IgM conjugated to horseradish peroxidase. Recognizes the ~42 kDa α -, β -, and γ isoforms of actin. Useful as a positive control antibody	100 ul
05-665	Active- β -Catenin (anti-ABC), Mouse mAb, clone 8E7	100 ug
AB3594-50UL	Aquaporin 4, Rabbit Antibody, C-terminus	50 ul
AB2302	GAPDH, Chicken Antibody	100 ug
CB1001-500UG	GAPDH, Mouse mAb recognizes the ~146 kDa GAPDH protein under non-reducing conditions & the ~36 kDa monomeric subunits under reducing conditions.	500 ug
AB5804	GFAP (Anti-Glial Fibrillary Acidic Protein), Rabbit Antibody	50 ul
MAB360	GFAP (Anti-Glial Fibrillary Acidic Protein), Mouse mAb, clone GA5	100 ul
70796-3	His-Tag, Mouse mAb sensitive, specific detection of His•Tag fusion proteins	100 ug
MAB1281	Nuclei, Mouse mAb, clone 235-1 (HuNu) stains nuclei of all human cell types giving a diffuse nuclear staining pattern. Chromosomes are negatively stained in metaphase cells. Also stains nuclei from primate (Sanchez-Pernaute, 2005). Does not react with nuclei from mouse or rat.	100 ul
MAB377	NeuN, Mouse mAb, clone A60 specifically recognizes the DNA-binding, neuron-specific protein NeuN, which is present in most CNS and PNS neuronal cell types of all vertebrates tested.	500 ug
ABN78	NeuN, Rabbit Antibody recognizes NeuN at the N-terminus	100 ug
05-1003	Phospho-Akt (Ser473), Mouse mAb, clone 6F5 Recognizes Akt only when phosphorylated on Ser473	100 ug
05-1000	Phospho-Serine, Mouse mAb, clone 4A4, FREE Positive Control Included (cat. # 12-628)	100 ug
05-321	Phospho-Tyrosine, Mouse mAb, clone 4G10, FREE Positive Control Included (cat. # 12-302)	100 ug
05-1050	Phospho-Tyrosine, 4G10® Platinum, Mouse mAb FREE Positive Control Included (cat# 12-302), <i>best antibody cocktail for detecting tyrosine phosphorylation</i>	100 ul
05-1100	Sulfo-Tyrosine, Mouse mAb, clone Sulfo-1C-A2	100 ul
AB152	Tyrosine Hydroxylase, Rabbit Antibody	100 ul

Transfection Reagents

Catalog No.	Product Description	Size
70967-3	GeneJuice® Transfection Reagent <ul style="list-style-type: none"> • High-efficiency transfection of mammalian cells • Compatible with both serum-containing and serum-free media • 1-mL provides enough reagent to perform up to 500 transfections in standard 35-mm plates. 	1mL

Inhibitors, Activators & Small Molecules

Catalog No.	Product Description	Size
<i>Inhibitors, Activators, & Small Molecules, thousands available Special Orders always available too!</i>		
GF136	B-cell Activating Factor (BAFF), Human	20 ug
474790-5MG	MG-132 a potent, reversible, and cell-permeable proteasome inhibitor ($K_i = 4$ nM). Reduces the degradation of ubiquitin-conjugated proteins in mammalian cells and permeable strains of yeast by the 26S complex without affecting its ATPase or isopeptidase activities.	5 mg
539134-1SET	Protease Inhibitor Cocktail Set III, EDTA-Free a cocktail of six protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, and serine proteases as well as aminopeptidases. This cocktail is recommended for use with mammalian cell and tissue extracts, but is also suitable for bacterial extracts.	5 x 1mL
688000-1MG	ROCK Inhibitor, Y-27632 a highly potent, cell-permeable, reversible, and selective inhibitor of Rho-associated protein kinases. Also inhibits ROCK-II with equal potency. Does not affect the activity of p21-activated protein kinase (PAK) even at higher concentrations (~ 100 μ M). Also acts as a potent inhibitor of agonist-induced Ca^{2+} sensitization of myosin phosphorylation and smooth muscle contraction. Prevents apoptosis and enhances the survival and cloning efficiency of dissociated hES cells without affecting their pluripotency.	1 mg

Protein Extraction, Protein Sample Prep & Protein Immunoprecipitation

Catalog No.	Product Description	Size
70664-3	Benzonase® Nuclease effective viscosity reduction and removal of nucleic acids from protein solutions, Purity > 99%, 1 KU = 1000 units	10 KU
71456-3	BugBuster® Master Mix combines BugBuster Protein Extraction Reagent with Benzonase® Nuclease and rLysozyme™ Solution in one convenient reagent. BugBuster Master Mix allows for maximum recovery of active soluble protein from both Gram-negative and Gram-positive bacteria. Convenient, all-in one protein extraction reagent efficiently lyses bacteria and digests nucleic acids. Can be used on cell pellets from any size culture.	100 mL
20-188	RIPA Lysis Buffer, 10X for lysis of cells to perform analysis on proteins	100 mL
LSKMAGH02 ❖	Nickel Magnetic Beads, PureProteome a powerful magnetic bead system to aid in the purification of polyhistidine-tagged recombinant proteins	2 ml
LSKMAGA02 ❖	Protein A Magnetic Beads, PureProteome with a capacity 6x higher than competitive beads, PureProteome Protein A and Protein G magnetic beads provide the greatest percentage of IgG depletion from serum samples with low non-specific binding. Get up to 8X greater recovery in half the time.	2 ml
LSKMAGG02 ❖	Protein G Magnetic Beads, PureProteome with a capacity 6x higher than competitive beads, PureProteome Protein A and Protein G magnetic beads provide the greatest percentage of IgG depletion from serum samples with low non-specific binding. Get up to 8X greater recovery in half the time.	2 ml
71110-4	rLysozyme™ Solution contains a highly purified and stabilized recombinant lysozyme that can be used for lysis of Gram-negative bacteria, such as E. coli. Supplied as a ready-to-use solution at a concentration range of 27–33 KU/ μ l.	1,200 KU