

MP BIOMEDICALS

Life Sciences Quick Reference Guide

At MP Biomedicals, we understand the importance of dependability and have built a comprehensive portfolio of life science products and services that are designed to keep your workflows flowing and your science on track. You can count on our instruments, reagents and kits to deliver reproducible results, day-in and day-out.

Browse through our reference guide to find high-quality products to support your workflows. Can't find what you're looking for? Visit vwr.com for a full list of MP Bio's products.



Chemicals & Biochemicals



Cell Biology & Cell Culture



Molecular Biology & Sample Preparation



Antibodies & Immunoassays



General Labware Cleaning



Lipid Quality Testing

SAMPLE PREPARATION PRODUCTS



FastPrep-24™ 5G

Cat. No. 75784-596

Advanced benchtop bead beating lysis system for quickly and efficiently homogenizing, grinding or lysing biological samples.



FastPrep-96™

Cat. No. IC116010500

High-throughput bead beating grinder and lysis system with capacity for two 96-well tube racks (up to 192 samples). Ideal for cells, tissues, environmental samples and more.



Lysing Matrix Biopulverizer Set

Cat. No. IC116750200

10 tubes each of the 5 most popular 2 mL Lysing Matrix tubes for optimizing homogenization conditions for a variety of samples.

Includes: **LYSING MATRIX A** **LYSING MATRIX C** **LYSING MATRIX E**
LYSING MATRIX B **LYSING MATRIX D**

DNA & RNA ISOLATION KITS

Name	Sample Type	Size	Cat. No.
DNA Isolation Kits			
FastDNA™ SPIN Kit	All Biological Samples	100 preps	IC116540600
FastDNA™ SPIN Kit for Plant and Animal Tissues	Plant and Animal Tissues	100 preps	IC116540800
FastDNA™ SPIN Kit for Soil	Soil and Environmental	50 preps	IC116560200
FastDNA™ SPIN Kit for Feces	Feces	50 preps	75784-608
RNA Isolation Kits			
FastRNA™ Pro Blue Kit	Bacteria	50 preps	75784-588
FastRNA™ Pro Red Kit	Yeast and Fungi	50 preps	75784-590
FastRNA™ Pro Green Kit	Plant and Animal Tissues	50 preps	75784-592
FastRNA™ Pro Soil-Direct Kit	Soil and Environmental	50 preps	75784-594
FastRNA™ SPIN Kit for Microbes	Microbes	50 preps	75784-584
FastRNA™ SPIN Kit for Yeast	Yeast	50 preps	75784-586

7X® CLEANING SOLUTIONS

- ✓ Fast and effective removal of various soil types
- ✓ Versatile for cleaning various surfaces, glassware and equipment

- ✓ Rinses clean with no leftover residues
- ✓ Nontoxic for tissue and cell cultures



Name	Size	Cat. No.
7X® Cleaning Solution General purpose cleaner	1 gal	IC7667093
ES-7X Cleaning Solution, Phosphate Free Phosphate-free, environmentally-friendly	1 gal	IC7667193
7X-O-Matic Cleaning Solution Low-foam for machine use	5 gal	IC7667495

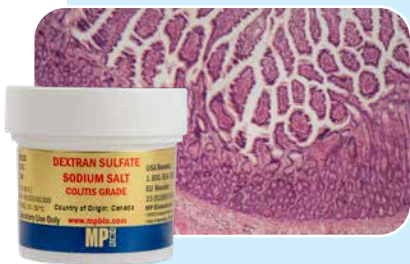
CELL BIOLOGY & CELL CULTURE PRODUCTS

- ▶ Cell Analysis
- ▶ Antibiotics
- ▶ Culture Media
- ▶ Serum
- ▶ Cell Separation Media
- ▶ Supplements
- ▶ Contamination Management



<p>LSM™ Lymphocyte Separation Medium Cat. No. IC50494 (5 x 100 mL)</p>	<p>Formulated for isolation of mononuclear cells from defibrinated or heparinized whole human blood, as well as blood from other species.</p> <ul style="list-style-type: none"> • Maximum yield of mononuclear cells • Easy one-step centrifugation • > 96% cell viability of lymphocytes • Low endotoxin levels • Sterilized
<p>Zymolyase-20T Cat. No. IC320921 (1 g)</p>	<p>Zymolyase-20T is an enzyme preparation from a submerged culture of <i>Arthrobacter luteus</i> which effectively lyses cell walls of viable yeast cells.</p> <ul style="list-style-type: none"> • Used to lyse living yeast cell walls to produce protoplast or spheroplast • Can be used for glucan hydrolysis
<p>Myco-Sniff-Rapid™ Mycoplasma Luciferase Detection Kit Cat. No. 76423-836 (25 tests)</p>	<p>A rapid, 20 minute, simple and sensitive method for detection of mycoplasma contamination in cell cultures.</p>
<p>Myco-Sniff™ Mycoplasma PCR Detection Kit Cat. No. 76337-168 (1 kit)</p>	<p>Myco-Sniff Mycoplasma PCR Detection Kit is a highly sensitive and specific method for the detection of mycoplasmas contamination in cell cultures.</p>
<p>Mycoplasma Removal Agent Cat. No. IC3050044 (5 mL)</p>	<ul style="list-style-type: none"> • Eliminates mycoplasma contamination from cell cultures • Broad spectrum activity • Effective at low concentrations • Proven low in cytotoxicity
<p>Human Pooled Serum Cat. No. IC092930149 (100 mL)</p>	<p>Serum obtained from pooled, normal clotted human blood. Used as a media component to neutralize cell free virus.</p>
<p>Human AB Serum Cat. No. IC092938249 (100 mL)</p>	<p>Human Type AB Serum is used as a growth supplement for cell culture media and in other research applications.</p> <ul style="list-style-type: none"> • Collected from Type AB human blood • Liquid media • HCV, HIV, HbsAG Free
<p>Chicken Embryo Extract Cat. No. IC092850145 (20 mL)</p>	<p>Chicken embryo extract is widely used as cell culture supplement for avian neural crest cells, muscle cells, dorsal root ganglion neurons, etc.</p> <ul style="list-style-type: none"> • Prepared from 9-12 day old eggs • Collected from registered flocks • Free from clinical signs of notifiable diseases

BIOCHEMICALS



Dextran Sulfate Sodium Salt, Colitis Grade

Accelerate your research with the industry's most effective intestinal inflammation reagent for colitis and IBD studies.

Size	Cat. No.
10 g	IC16011010
50 g	IC16011050
100 g	IC16011080
500 g	IC16011090

Azoxymethane (AOM)

Cat. No. 76485-890 (100 mg)

Induces tumorigenesis in the colon of laboratory animals and used to study the mechanisms of cancer progression and chemoprevention.

Proteinase K Solution, 20 mg/mL, Molecular Biology Grade

Cat. No. 76485-898 (10 mL)

Broad-spectrum serine protease used primarily in molecular biology applications to degrade proteins during isolation of nucleic acids.

IMMUNOASSAYS

Melatonin ELISA Kit–Serum

Cat. No. 76339-720 (1 x 96 wells)

Immunoassay kit for the quantitative determination of melatonin in human serum.

Melatonin ELISA Kit–Saliva

Cat. No. 76339-718 (1 x 96 wells)

Immunoassay kit for the quantitative determination of melatonin in human saliva.

Testosterone ELISA Kit–Rat/Mouse

Cat. No. 76339-490 (1 x 96 wells)

Competitive immunoassay for the quantitative measurement of testosterone in rat and mouse serum or plasma.

Insulin ELISA Kit

Cat. No. 76339-568 (1 x 96 wells)

Kit used for the quantitative determination of insulin levels in human serum.

Free T4 (Thyroxine) ELISA Kit

Cat. No. 76339-498 (1 x 96 wells)

Kit intended for the measurement of free T4 in a sample.

T3 (Free) ChLIA Kit

Cat. No. 76339-692 (1 x 96 wells)

Chemiluminescence immunoassay kit for the measurement of free triiodothyronine (T3) in human serum.

All products listed are for research use only. Not for use in diagnostic procedures.

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