



## Crushing Lysis Efficiency. Nothing Resists FastPrep®.

FastPrep® systems, lysing matrix and kits provide the most usable DNA, RNA and proteins from tough, dirty or tiny samples.

*Fast and easy, everytime.*

### FastPrep Instruments

Description	Cat. No.
FastPrep-24 5G	11-600-5500
FastPrep-24 Classic	MP116004500
FastPrep-96	MP116010500
SuperFastPrep-2	MP116012500



# Sample Preparation

## Lysing Matrix

FastPrep® Lysing Matrix makes difficult-to-lyse samples easy. No matter how tough or resistant your samples, our bead beating tubes will effectively disrupt cell walls, providing the highest yields of nucleic acids and proteins in a matter of seconds. Lysing Matrix tubes are highly reproducible with no cross-contamination and come in standard sizes to fit just about any homogenizer on the market. We offer a wide variety of lysing beads and matrices to fit all sample types and applications.

Available in 2 mL, 4.5 mL, 15 mL, 50 mL tubes and 96-well plates. Use on any high-speed homogenizer or bead beater.

Choose the right lysing matrix for your sample type:



## Metal Lysing Matrix Tubes

Try our Metal Lysing Matrix tubes for dry grinding tough or hard samples, such as dried seeds, wood, animal claws and hooves, bone, cartilage, rocks, minerals, plastics, building materials and more.

Description	Size	Cat. No.
Metal Lysing Tube, 2 mL w/ Grinding Ball	2 Ea	MP116991002
	3 Ea	MP116991003
	6 Ea	MP116991006
Metal Lysing Tube, 2 mL w/ Grinding Cylinder	2 Ea	MP116992002
	3 Ea	MP116992003
	6 Ea	MP116992006

## Extraction and Purification Kits

Complete your workflow with DNA, RNA and protein extraction and purification kits. Obtain high yields of intact DNA, RNA and proteins, ready for downstream applications.

### Featured Kits:

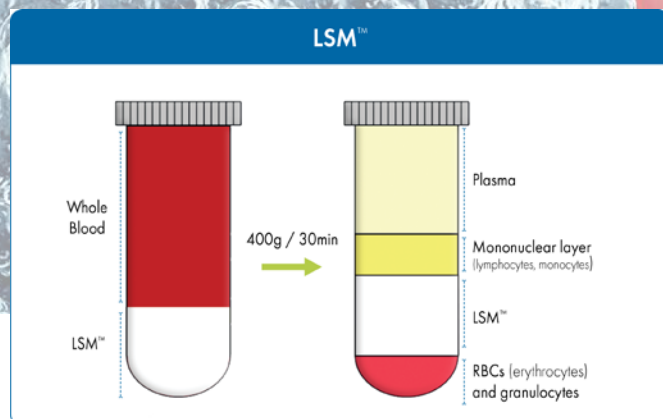
Description	Cat. No.
FastDNA SPIN Kit	MP116540600
FastDNA SPIN Kit for Soil	MP116560200
FastDNA SPIN Kit for Soil - 50 mL	MP116560600
FastDNA SPIN Kit for Feces	MP116570200
FastDNA SPIN Kit for Plant and Animal Tissue	MP116540800

We also offer a variety of RNA and protein isolation and purification kits

# Immunology and Cell Biology

## High Performance Density Gradient Media for Mononuclear and Polymorphonuclear Leukocyte Separation

Description	Size	Cat. No.
Lymphocyte Separation Media	5 x 100 mL	ICN50494
LymphoSep	500 mL	ICN1692254
Mono-Poly Resolving Medium	100 mL	ICN1698049



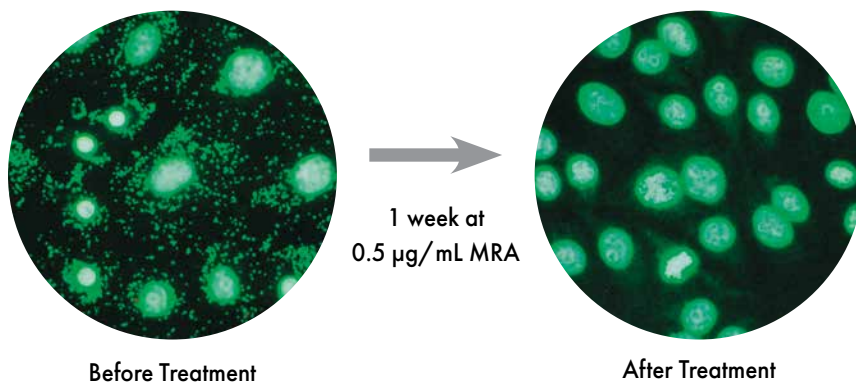
## Eliminate Mycoplasma Contamination from Your Cell Cultures

Eliminate multiple mycoplasma species within one week using the lowest dosage

Prevent recontamination of cultures at 0.1 µg/mL

Maintain cell viability

Cited and recognized in 550+ scientific publications



Description	Size	Cat. No.
Mycoplasma Removal Agent	5 mL	ICN3050044

## Superior Yeast Lysis Using Zymolyase

- Highest efficiency to form almost 100% protoplasts
- Shortest time for yeast cell wall biodegradation
- Lot-to-lot consistency and high reproducibility

Description	Cat. No.
Zymolyase 100T	MP08320931
Zymolyase 20T	MP08320921

# Labware and Biochemicals

## PlantCon™

### Unique design for plant cell and tissue culture



Plant cell culture needs to be kept in a contamination-free container with optimal light transparency, controlled atmospheric gas exchange, and managed moisture system for reliable and reproducible results. PlantCon™, a sterilized, plastic and disposable container, is specifically and scientifically designed for this purpose, as it ensures:

- Broad spectrum light transparency for efficient photosynthesis
- Controlled atmospheric gas exchange
- EtO sterilized, ready to use and contamination free
- Stackable and scalable design for space-saving and automation
- Lightweight, affordable, and disposable

Description	Cat. No.
PlantCon Plant Tissue Culture Container	ICN2672206

## 7X Ready-to-use Cleaning Solution for Cell Culture, Labware and Instruments

- Effective, water-soluble and eco-friendly cleaning solutions
- Does not etch to glass or plastic labware
- Nontoxic for tissue and cell cultures
- Eliminates interfering fluorescence residues for flow cytometry
- Easy and safe to use



Description	Cat. No.
7X Cleaning Solution	ICN7667093
ES 7X Cleaning Solution, Environment-Safe	ICN7667193

## Dextran Sulfate Sodium Salt (DSS) for Colitis and IBD Research

Inflammatory Bowel Disease (IBD) is characterized by chronic and relapsing inflammation of the gastrointestinal tract which is associated with increased risk of developing colitis-associated cancer. Several animal models have been used to study colitis and one such model involves the oral administration of dextran sulfate sodium salt (DSS) in the drinking water of mice leading to chronic colitis. Colitis-grade DSS from MP Bio has been validated by over 3,000 scientific publications and is the superior product available in the market for potency and reproducibility.



	Description	Size	Cat. No.
<div style="display: flex; flex-direction: column; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;">Fast and Efficient</div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;">Reproducible</div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;">Potent</div> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;">Easy-to-use</div> </div>	Dextran Sulfate Sodium Salt (36,000 - 50,000 M. Wt)	10 g	ICN16011010
		25 g	MP216011025
		50 g	ICN16011050
		100 g	ICN16011080
		500 g	ICN16011090

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 Call customer service: 1-800-766-7000

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 Call customer service: 1-800-234-7437

