



# FastPrep®

## Sample Preparation Selection Guide

Optimize your workflow with MP Biomedicals' complete collection of FastPrep® bead beating instruments, adapters, lysing matrix, and nucleic acid extraction kits. Ideal for lysing and homogenizing a wide range of samples to extract and purify nucleic acids for downstream analysis.



### CHOOSE A FASTPREP INSTRUMENT



#### FastPrep-24™ 5G

Cat. No. 11-600-5500

Most advanced instrument with programmable touchscreen display and increased power features for faster processing and lysis of difficult samples.



#### FastPrep-24™ Classic

Cat. No. MP116004500

Reliable and affordable legacy benchtop instrument for consistent results and high yields.



#### FastPrep-96™

Cat. No. MP116010500

High-throughput model for quickly processing up to 192 samples per cycle in two 96-deep well plates.



#### Super FastPrep-2™

Cat. No. MP116012500

Portable, hand-held design for processing biological or environmental samples in the field or at remote locations.

Find it at [fishersci.com](http://fishersci.com) and [fishersci.ca](http://fishersci.ca)

 **fisher scientific**  
part of Thermo Fisher Scientific

# ADD ADDITIONAL ADAPTERS TO ACCOMMODATE A RANGE OF SAMPLE QUANTITIES, TYPES AND VOLUMES

## FastPrep-24 Adapters

5G: Use with Cam Lock (Cat. No. MP116005588); Classic: use with Ratchet Nut (Cat. No. MP116005510)



**HiPrep™ Adapter**  
48 x 2 mL tubes  
Cat. No. ICN6002527



**TallPrep™ Adapter**  
24 x 4.5 mL tubes  
Cat. No. MP116002540



**TeenPrep™ Adapter**  
12 x 15 mL tubes  
Cat. No. ICN6002526



**BigPrep™ Adapter**  
2 x 50 mL tubes  
Cat. No. MP116002525

### Cryogenic Adapters



**CoolPrep™ Adapter**  
24 x 2 mL tubes  
Cat. No. ICN6002528



**CoolTeenPrep™ Adapter**  
6 x 15 mL tubes  
Cat. No. ICN6002530



**CoolBigPrep™ Adapter**  
2 x 50 mL tubes  
Cat. No. MP116002531

### Metal Adapters

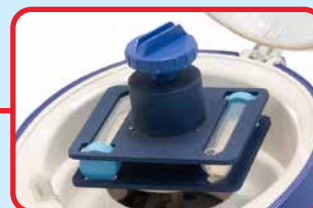
Use with Ratchet Nut  
(Cat. No. MP116005510)



**Metal QuickPrep™ Adapter**  
24 x 2 mL tubes  
Cat. No. MP116002545



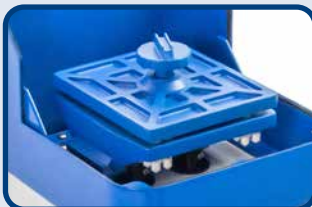
**Metal TeenPrep™ Adapter**  
12 x 15 mL tubes  
Cat. No. 11-600-2546



**Metal BigPrep™ Adapter**  
2 x 50 mL tubes  
Cat. No. 11-600-2547

## FastPrep-96 Adapters

Use with Ratchet Nut for FP-96



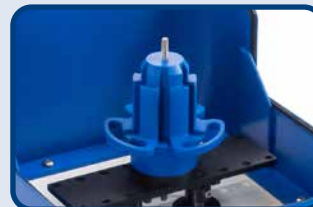
**QuickFlex™ Adapter**  
96 x 2 mL tubes  
Cat. No. MP116010570



**BigFlex™ Adapter**  
8 x 50 mL tubes  
Cat. No. MP116010550



**TallFlex™ Adapter**  
48 x 4.5 mL tubes  
Cat. No. MP116010580



**ConeFlex™ Adapter**  
for use of FastPrep-24  
Adapters on FastPrep-96  
Cat. No. MP116010595































**TeenFlex™ Adapter**  
20 x 15 mL tubes  
Cat. No. MP116010560



**LargeFlex™ Adapter**  
2 x 250 mL tubes  
Cat. No. MP116010590

# SELECT LYSING MATRIX FOR YOUR SAMPLES\*

 = Most Recommended

Lysing Matrix	Plants	Animals	Bacteria	Feces	Soil	Insects/Worms	Yeast/Algae
<b>A</b> 							
<b>B</b> 							
<b>C</b> 							
<b>D</b> 							
<b>E</b> 							
<b>M</b> 							
<b>Y</b> 							
<b>Z</b> 							

\* Table includes general recommendations for new users. Biopulverizer sets containing multiple Lysing Matrix for different samples are available for optimization experiments. Visit [fishersci.com](http://fishersci.com) or [fishersci.ca](http://fishersci.ca) to view our complete list of Lysing Matrix products.

Available in a variety of sizes and packaging configurations to fit any sample volume



QuickPrep™ Tubes  
2 mL



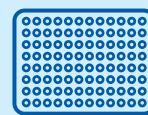
TallPrep™ Tubes  
4.5 mL



TeenPrep™ Tubes  
15 mL



BigPrep™ Tubes  
50 mL



96-well Plates  
High-Throughput

# ADD NUCLEIC ACID EXTRACTION KITS

Technology	Name	Sample Type	Lysing Matrix	Size	Cat. No.
<b>FastPrep-24 DNA Isolation Kits</b>					
Silica Spin Filter	Rapid-DNA Blood/Cell/Tissue Kit	Whole Blood, Buffy Coats, Biofluids, Cultured Cells, Tissues	—	50 preps	MP116520005
			M	50 preps	MP116520055
Glassmilk Silica Spin Filter	FastDNA™ SPIN Kit	Biological	A	100 preps	MP116540600
	FastDNA™ SPIN Kit for Plant and Animal Tissues	Plant and Animal Tissue	D	100 preps	MP116540800
	FastDNA™ SPIN Kit for Soil, 2 mL tubes	Soil and Environmental	E	50 preps	MP116560200
				100 preps	MP116560300
	FastDNA™ SPIN Kit for Soil, 50 mL tubes	Soil and Environmental	E	10 preps	MP116560600
FastDNA™ SPIN Kit for Feces	Feces or Frozen Stool	E	50 preps	MP116570200	
<b>FastPrep-96 DNA Isolation Kits</b>					
Silica Spin Filter	FastDNA™-96 Soil Microbe DNA Kit	Soil and Environmental	B	2 x 96 preps	MP119696200
	FastDNA™-96 Fungal/Bacterial DNA Kit	Bacteria, Yeast, Fungi, Algae	Y	2 x 96 preps	MP119696300
	FastDNA™-96 Fecal DNA Kit	Feces, Fungi, Parasites	E	2 x 96 preps	MP119696400
	FastDNA™-96 Animal and Insect DNA Kit	Animal Tissues and Insects	D	2 x 96 preps	MP119696500
	FastDNA™-96 Plants and Seeds DNA Kit	Plant Tissues and Seeds	D	2 x 96 preps	MP119696600
<b>FastPrep-24 RNA Isolation Kits</b>					
Silica Spin Filter	FastRNA™ SPIN Kit for Microbes	Bacterial, Microbial	B	50 preps	MP116020050
	FastRNA™ SPIN Kit for Yeast	Yeast, Fungi, Algae	Y	50 preps	MP116030050
Phenol Extraction	FastRNA™ Pro Blue Kit	Gram +/- Bacteria	B	50 preps	MP116025050
	FastRNA™ Pro Red Kit	Yeast and Fungi	C	50 preps	MP116035050
	FastRNA™ Pro Green Kit	Plant and Animal Tissues; Cultured Cells	D	50 preps	MP116045050
	FastRNA™ Pro Soil-Direct Kit	Soil and Environmental	E	50 preps	MP116070050

## FastPrep® STARTER PACKAGES FOR OPTIMIZATION

Name	Cat. No.
FastPrep® DNA Extraction Starter Package	116005500FP
FastPrep® RNA Extraction Starter Package	116005550FP
FastPrep® Soil Extraction Starter Package	116005600FP

\*\* Starter packages include a FastPrep-24™ 5G instrument, additional adapter, lysing matrix and extraction reagent/kit. Visit [fishersci.com](http://fishersci.com) or [fishersci.ca](http://fishersci.ca) to learn more.

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