

One Call

MP Biomedicals

FastPrep-24™ 5G



One Source

Enter a New Dimension

A World of
Sample
Preparation



Experience High Speed Lysis
on the most resistant samples with the new

FastPrep-24™ 5G

Be the first to try the FastPrep-24™ 5G in
your Lab with your Samples!

Request a Free Demo today!

It's **NEW!**
It's **Amazing!**

www.mpbio.com/FP24-5G

MP Biomedicals Europe, Tel: 00800 7777 9999 • email: custserv.eur@mpbio.com



FastPrep-24TM 5G

Grind, Homogenize and Lyse any Sample in a Flash!

- **Most Powerful:** Thorough grinding of most difficult samples in just a few seconds.
- **Most Intuitive:** Interactive user-friendly interface and touchscreen with more than 60 pre-programmed protocols.
- **Most Complete:** High number of ready-to-use Lysing Matrix tubes and wide range of purification kits for DNA, RNA and proteins.
- **Most Flexible:** Easily interchangeable adapters to process any sample size (2ml, 4.5ml, 15ml or 50ml tubes) at cryogenic or room temperature.
- **Quietest:** Noise level ≤ 70 dB.

MP Biomedicals introduces the FastPrep-24TM 5G Instrument, a versatile sample preparation system offering the **ultimate in speed and performance** for the lysis of biological samples.

A **completely self-contained system**, the FastPrep-24TM 5G Instrument eliminates the risk of cross-contamination and time-consuming clean-up associated with manual lysis method.

Samples and buffers are simply added to a Lysing Matrix tube containing **specialized Lysing Matrix beads**. The ergonomic design of the instrument ensures an easy loading of the sample tubes that remains securely sealed during the processing.

The homogenization speed and duration times are manually programmed using a **touch screen visual display**. After setting your speed and time with the touch of a button, just push «run», and in less than a minute your samples are completely lysed!

The touch screen software interface also includes more than 60 predefined programs designed for optimal setting of run sample types. Assay run data are recorded and saved for up to one year. **Export to a computer** or memory storage device via a USB port. Software upgrades can be uploaded and installed.

The Dome Locking system has been upgraded to include an electromechanical lock mechanism. When the lock mechanism is engaged, it automatically adjusts the closure to the proper tension.

The vertical angular motion of the FastPrep-24TM 5G Instrument causes the Lysing Matrix particles to impact the sample from all directions simultaneously, releasing nucleic acids and proteins into the protective buffer. After centrifugation, the supernatant is collected for further purification process with FastPrep[®] kits.



Cat. No	Description
6005500	FastPrep-24 TM 5G Instrument

Ask for a
Quote!

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The NEW FastPrep-24™ 5G - Next Generation Sample Preparation System!

Upgraded Features	Benefits
Increased Power Settings to 10 M/S	Highest Power Available Fastest Processing Times Lyse Tougher Samples
Time: 1-120 Seconds Cycles: 1-9 Cycle Pause: 1-300 seconds	Less User Intervention True Walk-Away Operation
Touchscreen User Interface	Intuitive and Easy to Operate
>60 Pre-defined settings	Quicker Optimizations, Saves Time
Manual Program-N-Store (12 sets)	Saves Time and Knowledge
Export Data Function	Archive Assays and Results
USB Port	Easy Software Upgrades
Sound Interface	Audible Program Run Status Alerts
Strobe Effect	Visual Optimization Tool

FastPrep® Adapters: the Ultimate Flexibility in Sample Size and Extraction temperature!

Enjoy 10 Interchangeable sample holders offering a unique versatility in sample numbers, size and temperature conditions.

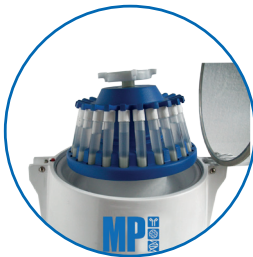
Cat. No	Description	Size
6002512	QuickPrep Sample Holder	24 x 2 ml tubes
6002525	BigPrep Sample Holder	2 x 50 ml tubes
6002526	TeenPrep Sample Holder	12 x 15 ml tubes
6002527	HiPrep Sample Holder	48 x 2 ml tubes
6002528	CoolPrep Sample Holder	24 x 2 ml tubes - Cryogenic conditions
6002530	CoolTeenPrep Sample Holder	6 x 15 ml tubes - Cryogenic conditions
6002531	CoolBigPrep Sample Holder	2 x 50 ml tubes - Cryogenic conditions
6002540	TallPrep Sample Holder	24 x 4.5 ml tubes
6002545	All Metal QuickPrep Sample Holder	24 x 2 ml tubes
6002547	All Metal BigPrep Sample Holder	2 x 50 ml tubes



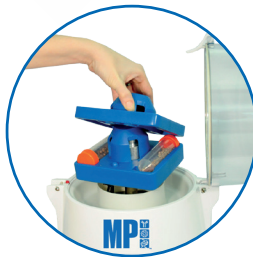
Metal QuickPrep™



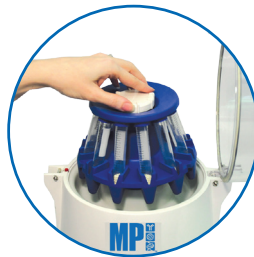
HiPrep™



TallPrep™



BigPrep™



TeenPrep™

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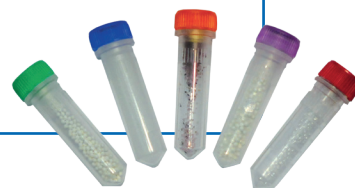
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Optimal Lysis Performance with FastPrep® Lysing Matrix Tubes

16 convenient Lysing Matrix Tubes for every need!

**MP Biomedicals guarantees the BEST
performance from your FastPrep®
Instrument when used in combination with
FastPrep® Lysing Matrix Tubes.**



Make your Experiments Easy with the FastPrep® Extraction Kits!

- Ready-to-use protocols for DNA, RNA and Protein isolation
- Higher Yields, Consistent Quality, Super Fast
- DNA, RNA and proteins ready-to-use in downstream applications



**Learn More
and
Ask for a Demo at
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