

Cell Extraction and Lysis

Homogenisers

FastPrep® -24 Instrument, MP Biomedicals



NEW

50



CoolPrep™ adapter, 24 x 2mL



CoolTeenPrep™ adapter, 6 x 15mL



CoolBigPrep™ adapter, 2 x 50mL

Lyse any tough or frozen sample in 40 seconds.

- Homogenises resistant samples with ease
- Processes 24 x 2mL; 48 x 2mL; 12 x 15mL; or 2 x 50mL samples with interchangeable adapters (see options)
- Delivers high reproducibility due to precise setting of lysis time and speed
- Eliminates cross contamination with single use matrix tubes

Lyse efficiently

- Bone, brain, tumours
- Bacteria gram + or –
- Yeast, fungi, spores
- Seeds, roots
- Faeces, soil

The FastPrep-24 instrument uses a unique, optimised motion to disrupt cells through the multidirectional, simultaneous beating of specialised lysing Matrix beads on the sample material and is designed to homogenise up to 24 samples in 2mL tubes, or with additional purchase of optional adapters, 48 samples in 2mL tubes, 12 samples in 15mL tubes or 2 samples in 50mL tubes.

Developed for difficult and resistant samples, the FastPrep-24 instrument lyses thoroughly and quickly any tissues and cells and thus allows easy and reproducible isolation of stable RNA, active proteins and full-length genomic DNA. A completely self contained system, the FastPrep-24 Instrument eliminates the risk of cross contamination and time consuming clean up associated with manual lysis methods.

The homogenisation speed and duration times are digitally controlled.

A wide variety of specialised Lysing Matrix tubes containing beads of different materials, sizes and shapes have been tailored to guarantee a thorough homogenisation of samples from diverse sources including bacteria, yeast, fungi, botanical samples, insects, mammalian tissues and cultured cells.

Catalogue No	Alt. No	Description
FAS-200-010G	6004-500	FastPrep®-24 instrument with QuickPrep 24 x 2mL adapter

Catalogue No	Alt. No	Description	Capacity	Temperature control type
FAS-200-500M	6002-512	QuickPrep™ adapter	24 x 2mL	N
FAS-200-510J	6002-525	BigPrep™ adapter	2 x 50mL	N
FAS-200-520G	6002-526	TeenPrep™ adapter	12 x 15mL	N
FAS-200-530D	6002-527	HiPrep™ adapter	48 x 2mL	N
FAS-200-540A	6002-528	CoolPrepCryoPrep™ adapter	24 x 2mL	Y
FAS-200-550U	6002-530	CoolTeenPrep™ adapter	12 x 15mL	Y
FAS-200-560R	6002-531	CoolBigPrep™ adapter	2 x 50mL	Y



QuickPrep™ adapter, 24 x 2mL (included with FastPrep®-24)



BigPrep™ adapter, 2 x 50mL



TeenPrep™ adapter, 12 x 15mL



HiPrep™ adapter, 48 x 2mL