

Homogenisers



FastPrep®-24 Instrument



Lyse any tough or frozen sample in 40 seconds.

- Homogenises resistant samples with ease
 - 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	Legacy No	Alt. No	Description
12079310	-	6004-500	FastPrep®-24 instrument with QuickPrep™ 24 x 2mL adapter

Catalogue No	Legacy No	Alt. No	Description	Capacity	Temperature control type
11482370	-	6002-512	QuickPrep™ adapter	24 x 2mL	N
11472380	-	6002-525	BigPrep™ adapter	2 x 50mL	N
10429774	-	6002-526	TeenPrep™ adapter	12 x 15mL	N
11490576	-	6002-527	HiPrep™ adapter	48 x 2mL	N
11482360	-	6002-528	CoolPrep™ adapter	24 x 2mL	Y
11461525	-	6002-530	CoolTeenPrep™ adapter	6 x 15mL	Y
11471525	-	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



CoolPrep™ adapter, 24 x 2mL



CoolTeenPrep™
adapter, 6 x 15mL



CoolBigPrep™
adapter, 2 x 50mL



HiPrep™ adapter,
48 x 2mL