

ISOLATE II Plasmid Buffer Set

Batch No.: See bottle **Product** **Catalog number**
ISOLATE II Plasmid Buffer Set BIO-52078



A Meridian Life Science® Company

Storage and Stability:

ISOLATE II Plasmid Buffer Set is shipped at ambient temperature and can be stored at room temperature. Storage at lower temperatures may cause precipitation of salts.

Expiry

When stored under the recommended conditions and handled correctly, full activity of the kit is retained until the expiry date on the outer box label.

Safety precautions

Please refer to the material safety data sheet for further information.

Quality control specifications:

Bioline operates under ISO 9001 Management System. ISOLATE II buffers undergo extensive and stringent QC assays to give batch-to-batch reproducibility.

Notes

Research Use Only.

Features:

- Designed for use with ISOLATE II Plasmid Mini Kit
- Buffers P1, P2, P3 and RNase A
- Sufficient for 300 high quality preps
- For high-yield, high-purity plasmid DNA

Applications:

- Low copy plasmid isolation
- P1 constructs isolation
- Cosmid isolation

Description

ISOLATE II Plasmid Buffer Set is designed to be used with ISOLATE II Plasmid Mini Kit protocols requiring higher amounts of buffers. Protocols requiring higher amount of buffers include the isolation of low copy plasmid, P1 constructs and cosmids.

The ISOLATE II Plasmid Buffer Set contains reagents, sufficient for 300 preparations.

Bioline ISOLATE II buffers undergo extensive and stringent QC assays and the guaranteed batch-to-batch reproducibility provides consistent results.

Components

Product Name	300 preps
Resuspension Buffer P1	1 x 75ml
Lysis Buffer P2	3 x 25ml
Neutralization Buffer P3	1 x 100ml
RNase A	1 x 30mg

Associated products:

Product Name	Pack Size	Catalog No.
ISOLATE II Plasmid Mini Kit	10 preps	BIO-52055
ISOLATE II Plasmid Mini Kit	50 preps	BIO-52056
ISOLATE II Plasmid Mini Kit	250 preps	BIO-52057

Protocol

The ISOLATE II Plasmid Mini Kit purification procedures can be performed at room temperature.

Please refer to the buffer preparation section in the ISOLATE II Plasmid Mini Kit handbook (section 7.2).

Storage at lower temperatures may cause precipitation of SDS detergent in Lysis Buffer P2. If precipitate is observed, incubate bottle at 30-40°C and mix well.

RNase A should be resuspended with 1ml of Resuspension Buffer P1 prior to use. The dissolved RNase solution should be stored at 4°C.

For isolation of low copy plasmids, P1 constructs and cosmids, please refer to the ISOLATE II Plasmid Mini Kit handbook (section 9.1) or bench top protocol.

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