



Membrane Technologies

Certificate of Quality

The **FastLyse pDNA Miniprep Kit** have been manufactured in **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

FastLyse pDNA Miniprep Kit

Catalog No. : FLPKXXXXXXXX0250
 Type : FLPK
 Lot Number : FD1-3050-223

LOT RELEASE CRITERIA

Binding capacity of column : > 50 µg

pDNA Yield * :

Culture volume	Yields
600µl	≥ 7.0 µg
3.0 ml	≥ 20.0 µg

DNA Purity (A₂₆₀ / A₂₈₀) : 1.8 – 2.0

DNase Free : Yes

Plasmid type – pUC vectors *

Copy number - High (500-700)

Fragment size - 9 kb

Elution volume – 50µl

VALIDATED FOR

- Downstream Processing
 - Restriction Digestion
 - Ligation
 - PCR
 - Sequencing
 - Bacterial Transformation
 - Cloning
- Shelf Life
 - Minimum one year at Room Temperature
 - More than two years at 2-8°C
- Purification of low copy number plasmids (<10 copies per cell)
- Purification of small plasmids (2 kb)
- Consistent intra lot (column to column) and inter lot plasmid DNA recovery

CUSTOMER SUPPORT

mdi offers its unique interdisciplinary skills to provide solutions to specific problems. Please contact our factory or the local application specialist.

Head of Quality Control

Issue Date: 23-Aug-11

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