

## Certificate of Quality

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

### Endotoxin Free pDNA Miniprep Kit

Catalog No. : EFPKXXXXXXXX0005  
Type : EFPK  
Lot Number : ED1-0476-031

#### LOT RELEASE CRITERIA

**Binding capacity of column** : > 25 µg  
**pDNA Yield \*** : up to 25 µg  
**DNA Purity (A<sub>260</sub> /A<sub>280</sub>)** : 1.8 – 2.0  
**DNase Free** : Yes  
**Endotoxin level** : ≤ 0.1 EU/µg

Plasmid type – pUC vectors \*

Copy number - High (500-700)

Fragment size - 9 kb

Culture volume – up to 5ml

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) as well as high copy number plasmids.
- Purification of small plasmids (2 kb) as well as large plasmids.
- 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 Assurance

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**An ISO 9001 Company**