

Certificate of Quality

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

Endotoxin Free Quanta Midi Kit

Catalog No. : QDEKXXXXXXXX0002
Type : QDEK
Lot Number : QD1-1453-108

LOT RELEASE CRITERIA

Binding capacity of Column : $\geq 350 \mu\text{g}$
***pDNA Yield** : Upto 250 μg
DNA Purity (A_{260}/A_{280}) : 1.8 – 2.0
DNase Free : Yes
Endotoxin Free : $\leq 0.1 \text{ EU}/\mu\text{g}$

*Plasmid type – pUC

Copy number – High (500-700)

Fragment Size – 9 kb

Culture Volume – 35 ml

Elution volume – 200 μl

VALIDATED FOR

- Downstream Processing
 - Restriction Digestion
 - Transfection
 - PCR
 - Sequencing
 - Bacterial Transformation
 - Cloning
- Shelf Life
 - Minimum two years at Room Temperature
- Purification of low copy number plasmids as well as high copy number plasmids (< 10 copies per cell)
- Purification of small plasmids as well as large 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

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An ISO 9001 Company