

Certificate of Quality

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

Endotoxin Free Quanta Giga Kit

Catalog No. : QGEKXXXXXXXX0002
Type : QGEK
Lot Number : QG1-1193-086

LOT RELEASE CRITERIA

Binding capacity of Column : ≥ 12 mg
***pDNA Yield** : Upto 10 mg
DNA Purity (A_{260}/A_{280}) : 1.8 – 2.0
DNase Free : Yes
Endotoxin Free : ≤ 0.1 EU/ μ g

*Plasmid type – pUC

Copy number – High (500-700)

Fragment Size – 9 kb

Culture Volume– 2.5 liters

Elution volume – 5 ml

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 (< 10 copies per cell) as well as high copy number plasmids.
- Purification of small plasmids as (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 Control

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An ISO 9001 Company