

Certificate of Quality

The **Gel Extraction Kits** have been manufactured in **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

Gel Extraction Kit

Catalog No. : SGEKXXXXXXXX0005
Type : SGEK
Lot Number : GK1-1643-115

LOT RELEASE CRITERIA

Binding capacity of column : $\geq 10 \mu\text{g}$
DNA Recovery * : $\geq 70\%$
DNA Purity (A_{260} / A_{280}) : 1.8 – 2.0
DNase Free : Yes

Weight of gel slice – 229mg *

DNA Feed – 500ng

Fragment size – 260bp

Elution volume – 30 μl

Eluate volume- 28 μl

VALIDATED FOR

- Downstream Processing
 - Restriction Digestion
 - Ligation
 - PCR
 - Sequencing
 - Bacterial Transformation
 - Cloning
- Shelf Life
 - Minimum one year at Room Temperature
- Purification of small as well as large DNA fragments
- Validated for the recovery of DNA fragments ≥ 70 bp
- Consistent intra lot (column to column) and inter lot 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