

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

Nano Gel Extraction Kit

Catalog No. : NGEKXXXXXXXXX0050
Type : NGEK
Lot Number : GK1-2953-188

LOT RELEASE CRITERIA

Binding capacity of column : $\geq 5 \mu\text{g}$
DNA Recovery : $\geq 80\%$
DNA Purity (A_{260}/A_{280}) : 1.8 – 2.0
DNase Free : Yes

Maximum weight of gel slice = 400mg
Fragment size = 70 bp - 4 kb
Elution volume = 5 μl
Eluate volume = 4 μl

VALIDATED FOR

- Downstream Processing
 - Restriction Digestion
 - Ligation
 - PCR
 - Sequencing
 - Bacterial Transformation
 - Cloning
- Shelf Life
 - Minimum one year at 2–8 °C
- 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