



Membrane Technologies

# Certificate of Quality

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

## Micro Gel Extraction Kit

Catalog No. : MGEKXXXXXXXX0250  
Type : MGEK  
Lot Number : GK1-0610-038

### LOT RELEASE CRITERIA

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

Weight of gel slice – 221mg \*  
DNA Feed – 748ng  
Fragment size – 260bp  
Elution volume – 10 $\mu\text{l}$   
Eluate volume- 9 $\mu\text{l}$

### 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 recovery of DNA fragments  $\geq 70$  kb.
- 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

Issue Date: 23-Aug-11

### Advanced Microdevices Pvt. Ltd.

21, Industrial Area, Ambala Cantt, INDIA,  
Tel: +91-171-2699290/ 2699274  
Fax: +91-171-2699221/ 2699008  
Website: [www.mdimembrane.com](http://www.mdimembrane.com)  
Email: [mdi@vsnl.com](mailto:mdi@vsnl.com)

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