

# Certificate of Quality

The **PCR Purification Kit** have been manufactured in **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

## PCR Purification Kit

Catalog No. : SPCKXXXXXXXX0005  
Type : SPCK  
Lot Number : PR1-1653-092

### LOT RELEASE CRITERIA

**Binding capacity of column** :  $\geq 10 \mu\text{g}$   
**DNA Recovery \*** :  $\geq 90\%$   
**DNA Purity ( $A_{260} / A_{280}$ )** : 1.8 – 2.0  
**DNase Free** : Yes

DNA Feed – 823.2 ng \*  
Fragment size – 260bp  
Elution Volume – 30 $\mu\text{l}$   
Eluate Volume – 28 $\mu\text{l}$

### VALIDATED FOR

- Downstream Processing
  - Restriction Digestion
  - Ligation
  - Labeling
  - Sequencing
  - Bacterial Transformation
  - Cloning
  - PCR
- Shelf Life
  - Minimum one year at Room Temperature
- Purification of small as well as large DNA fragments
- Validated for removal of primers, dimers and fragments < 100 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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### Advanced Microdevices Pvt. Ltd.

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**An ISO 9001 Company**