



Membrane Technologies

The **Bacterial Total RNA Miniprep Kits** have been manufactured in **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

# Certificate of Quality

## Bacterial Total RNA Miniprep Kit

Catalog No. : BMRKXXXXXXXX0005  
Type : BMRK  
Lot Number : BM1-2131-099

### LOT RELEASE CRITERIA

**Binding capacity** :  $\geq 100 \mu\text{g}$   
**RNA Yield** :

Bacterial Strain	Medium	No. of Cells	RNA Yield ( $\mu\text{g}$ )
E. coli (DH $\alpha$ )	LB	$5 \times 10^8$	53.5
Bacillus subtilis	LB	$1 \times 10^8$	14.1
Bacillus subtilis	LB	$2 \times 10^8$	26.2

**RNA Purity (A $_{260}$  / A $_{280}$ )** : 1.9 – 2.1  
**RNase Free** : Yes

Elution volume – 50  $\mu\text{l}$

### VALIDATED FOR

- Downstream Processing
  - RT-PCR and Real Time RT-PCR
  - cDNA Synthesis
  - Northern, Dot, and Slot Blot Analysis
- Shelf Life
  - Minimum one year at Room Temperature
  - More than two years at 2 - 8°C
- Purification of both Gram Positive and Gram Negative Bacteria
- Consistent intra lot (column to column) and inter lot Total RNA 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.

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**An ISO 9001:2000 Company**