

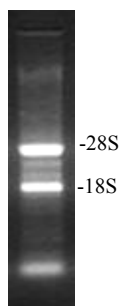


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## TOTAL RNA- MOUSE COLON

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**CATALOG NUMBER:** SG1310-04  
**QUANTITY:** 50 µg  
**DESCRIPTION:** Total RNA from normal mouse colon tissue.  
**DONOR INFORMATION:** BALB/c mouse  
**QUALITY CONTROL:** The OD 260/280 ratio for total RNA sample in Tris-HCl buffer (pH 7.5) is 2.0. RNA integrity is confirmed by the electrophoresis of 1 µg total RNA sample on a denaturing formaldehyde/agarose/EtBr gel (Fig.1).



**Figure 1: Total RNA from mouse colon.** 1 µg of total RNA was analyzed using a 1% denaturing formaldehyde /agarose /EtBr gel.

**STORAGE BUFFER:** 50 µg RNA/vial is dissolved in 70% ethanol, 0.08M sodium acetate.  
**PRIOR TO USE:**  

- 1) Centrifuge the tube at 14,000 rpm for 10 minutes in a microcentrifuge at 4°C
- 2) Remove the supernatant and resuspend the pellet in 70% ethanol.
- 3) Centrifuge the tube at 14,000 rpm for 10 minutes in a microcentrifuge at 4°C.
- 4) Remove the supernatant and resuspend the pellet in DEPC-treated H<sub>2</sub>O to the desired concentration.

  
**STORAGE/HANDLING:** Purified RNA is recommended being stored at -70°C. Avoid repeated freeze /thaw cycles. Handle with gloves to prevent contamination with RNase.  
**SHELF LIFE:** 1 year from date of receipt under proper storage conditions.

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