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TOTAL RNA- HUMAN SKELETAL MUSCLE

CATALOG NUMBER: SG1110-10

QUANTITY: 50µg

DESCRIPTION: Total RNA from normal human skeletal muscle tissue.

DONOR INFORMATION: Gender: Male Age: 35 Race: Asian Cause of Death: Acute Head Injury

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).

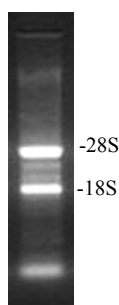


Figure 1: Total RNA from human skeletal muscle. 1 µg of total RNA was analyzed using a 1% denaturing formaldehyde /agarose /EtBr gel.

STORAGE BUFFER: 50µg 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 H₂O 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.
