

## Total RNA from Tissue

### Description:

AMSBIO offers ready-to-use total RNAs from defined tissue types and custom RNA isolation services. The total RNAs are isolated by modified guanidine thiocyanate techniques and stored in RNA storage buffer. Contamination by RNase, genomic DNA polysaccharides and proteoglycans has been effectively eliminated.

For Lot specific total RNA datasheets or to enquire about a custom RNA isolation services please contact us [info@amsbio.com](mailto:info@amsbio.com)

**Storage conditions:** Keep the total RNA at -70°C. Total RNAs are stable for 6 months from the date of receipt, under the correct storage conditions.

**Application:** The total RNAs are provided ready-to-use for:

- Northern blotting, RT-PCR and RACE
- cDNA synthesis and cDNA library construction
- cDNA probe for profiling study in gene expression
- RNA protection and primer extension
- Purification of mRNA
- MicroRNA study
- RNA differential display.

### Quality control:

1. The integrity of the RNA is examined by visual inspection for the presence of intact bands of 18s and 28s ribosomal RNA when electrophoreses on a denaturing agarose gel. The quality and purity of total RNA were tested by spectrophotometer.  $A_{260/280}$  is between 1.8 and 2.0 (detected in 10 mM Tris-HCl, pH 7.5).
2. The RNA is treated by DNase I, and is tested as DNA free RNA by PCR.
3. cDNA synthesis is successfully performed by using this RNA as template.

**Shipping conditions:** Shipped on dry ice.

**Intended use of the products:** All products sold by AMSBIO are intended for research use only and must not be used for medical diagnostic or drug purposes. AMSBIO products may not resell, modified for resale or used to manufacture commercial products without written approval from AMSBIO.

**Limited product warranty:** AMSBIO has a total quality assurance policy. If an y product does not meet the specification stated in the product data sheet will be replaced at no charge. This warranty limits AMSBIO liability to the replacement of the product only. No other warranties of any kind, express or implied, including without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by AMSBIO. AMSBIO shall not liable for an y incidental, in direct, special or consequential damages, even if it is aware of the possibility of such damages.

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