

## Tissue, Total RNA Adult Normal, Heart, Ventricle RNA Extraction

Tissue, Total RNA, Human Adult Normal, Heart, Ventricle (left), BioGenomics

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|------------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA14764</b> | APPLICATIONS<br><b>immunoassay, Radioimmunoassay</b> |
|------------------------------|------------------------------------------------------|

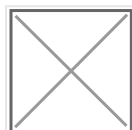
### PRODUCT SYNONYMS

Tissue; Total RNA Adult Normal; Heart; Ventricle; Total RNA; Human Adult Normal; Ventricle (left); BioGenomics; Ventricle rna extraction

### PRODUCT SPECIFICATIONS

|                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification                                                                         | Total RNA isolated by modified guanidine thiocyanate techniques.                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                                                                 | Supplied as a liquid in RNA storage buffer                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                                                               | 2.23mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for Tissue, Total RNA Adult Normal, Heart, Ventricle rna extraction | Northern Blot, RIA (Radioimmunoassay)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes                                                                           | Other applications have not been tested.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Donor Information                                                                           | One 27-year old normal, human adult male.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Features                                                                                    | Total RNA isolated from a wide variety of hard to obtain tissues.<br>Decontamination of polysaccharide, proteoglycan, RNase, and genomic DNA<br>Extensive quality control procedures to ensure high quality.<br>High efficiency reverse transcription.                                                                                                                                                                                                    |
| Quality Control                                                                             | 1. The integrity of the RNA is examined by visual inspectioun for the presence of intact bands of 18s and 28s RNA when electrophoreses on a denaturing agarose gel. The quality and purity of total RNA were tested by spectrophotomer.<br>(A260/280 = 1.8-2.0 detected in 10mM Tris-Cl, pH 7.5).<br>2. The RNA is treated by DNase I. It is tested as DNA free RNA by PCR.<br>3. cDNA synthesis is successfully performed by using this RNA as template. |
| Preparation and Storage                                                                     | Ships on dry ice. Aliquot to avoid repeated freezing and thawing and store at -70°C. Aliquots are stable for 6 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.                                                                                                                                                                                                           |

### IMAGES



Application Data  
Human

ADDITIONAL INFORMATION

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| Related Product Information for Tissue, Total RNA Adult Normal, Heart, Ventricle rna extraction | <p>Total RNAs are isolated from almost 200 different human adult and fetal normal tissues, human diseased and tumor tissues, as well as mouse, rat, and monkey tissues. Total RNAs are provided ready-to-use for Northern blotting, cDNA synthesis, RNA protection, and RNA differential display.</p> <p>Total RNA isolation is performed using proprietary techniques. Contamination by RNase, genomic DNA polysaccharides, and proteoglycans has been effectively eliminated. The integrity of the total RNAs is assured by checking for a ratio of greater than 1:1 between 28S and 18S ribosomal RNA. We guarantee high efficiency reverse transcription.</p> |
| Product Categories/Family for Tissue, Total RNA Adult Normal, Heart, Ventricle rna extraction   | Cells; Lysates; Plasma; Serum; Tissues; Tissues-Total RNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rna-extraction/tissue-total-rna-adult-normal-heart-ventricle/14764>