



## **Tissue, Total RNA, Human Adult Normal, Brain, Olfactory (region), BioGenomics™**

### **Catalog number**

T5595-7265

### **Supplier**

United States Biological

Total RNAs are available 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. 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.

### **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 with electrophoresis on a denaturing agarose gel. The quality and purity of total RNA were tested by spectrophotometer. A260/280 is between 1.8-2.0 (Detected in 10mM Tris-HCl, pH 7.5).
2. cDNA synthesis is successfully performed by using this RNA as template.

### **Features**

- Total RNA isolated from a wide variety of hard to obtain tissues
- Decontamination of polysaccharide and proteoglycan
- Extensive quality control procedures ensure high quality genomic DNA
- High efficiency reverse transcription
- Documentation of tissues' clinical histories available.

#### Applications:

Suitable for use in Northern Blotting, RT-PCR, and RACE cDNA synthesis; cDNA library construction; cDNA probe for profiling study in gene expression; RNA protection and primer extension; RNA display; and purification of mRNA.

### **Storage and Stability**

Aliquot to avoid repeated freezing and thawing and store at -70°C. Aliquots are stable for 6 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

### **Formulation**

Supplied as a liquid in RNA Storage Buffer: 0.1% DEPC-treated water with 0.1mM EDTA. No non-specific endonucleases, no nickase, no exonuclease and no RNase detected.

### **Purity**

Total RNA isolated by modified guanidine thiocyanate techniques.

### **Grade**



Molecular Biology Grade

**Storage**

-70°C

**Antigen Modification**

Human