

Cat #: HD-201-HR

## Description: Human Brain cDNA-Random Primer

30 reactions

### Product Description

Human Brain full length tissue cDNA is made of RNA extracted from freshly harvested tissues of single healthy normal adult donor using classical guanidine isothiocyanate phenol: chloroform extraction method. RNA is treated with RNase-free DNase-1 to remove residual DNA. The cDNA is primed with Random Hexamer primer.

### Quality Control:

The integrity of each RNA sample as indicated by intact ribosomal RNA is verified by denatured agarose gel electrophoresis. The purity of RNA is assessed by NanoDrop (A260/A280: 1.9-2.1). Residual DNA contamination is tested by PCR.

The synthesized cDNA is also tested as template for PCR amplification of  $\beta$ -actin gene. PCR product of  $\beta$ -actin was visualized on 1% agarose gel.

### Applications:

cDNA is ideal for gene expression analysis by PCR, characterization of alternative splicing of mRNA, verification of genetic mutation, gene cloning and target sequencing.

### Packing/shipping:

Each cDNA sample is routinely shipped on dry ice in 1.5 ml vials (30ul each) and is enough for 30 reactions (30 PCR amplifications).

MSDS and Certificate of Analysis in PDF files: Contact [info@amsbio.com](mailto:info@amsbio.com).

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