

Mouse C57 Heart, left and right atrium cDNA

Product Code: MD-802-C57

Mouse C57BL/6 heart, left and right atrium, full length tissue cDNA is made of RNA extracted from freshly harvested tissues of single healthy normal 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 oligo dT 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 spectrophotometer (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 β -actin gene. PCR product of β -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 and is enough for 30 reactions (30 PCR amplifications).

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