



Product Specification

RT-PCRmer™ Mouse β -actin

Catalog No. 40-1003-10 Size: 10 nmols
Ship: Ambient Storage: -20°C

Locus	Primers	Fragment Size	Tm
Mouse β -actin	Mouse β -actin 1/2	349bp	55°C

DESCRIPTION

RT-PCRmer™ are primer pairs for specific amplification of cDNA. β -actin is ubiquitously expressed and serves as a positive control for northern and other expression studies. β -actin RT-PCRmer™ is generally used as controls for measuring cDNA synthesis efficiency by reverse transcription and as controls for mRNA (cDNA) quantitative expression studies. β -actin RT-PCRmer™ are supplied as a lyophilized powder in aliquots of 10nmols. The 10nmols of primer when dissolved in 500 μ l sterile water or TE will give a solution of 20 μ Molar i.e. 20pmoles/ μ l. The quantity supplied is sufficient for at least 400 regular 25 μ l PCR reaction* for ethidium bromide stained visualization. This primer set will amplify a fragment of 349 bp from mouse cDNA (1). Hybridization of the amplified product may be done by using ³²P or biotinylated labeled OligoProber™ (Catalog No. 40-1103-02 or 40-1103-03).

The product is supplied as a lyophilized powder, after reconstitution store at -20°C. Oligo purity is greater than 98% as determined by denaturing polyacrylamide gel electrophoresis.

Reference

1. Alonsos, S et. al (1986) J. Mol. Evol. 23:11-11.

*The polymerase chain reaction (PCR) process is covered by patents owned by Hoffmann-La Roche. A license to perform is automatically granted by the use of authorized reagents.

All Gene Link Products are for research use only.



Gene Link™

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