



Product Specification

RT-PCRmer™

Human β 2 microglobulin (B2M)

Catalog No. 40-1004-10 Size: 10 nmols
Ship: Ambient Storage: -20°C

Locus	Primers	Fragment Size	Cytogenetic Band	Tm
B2MG	B2M For 2/Rev2	386 bp	15q21-q22.2	55°C
Gene Product Name: Human β2-microglobulin				
GenBank Accession AB021288				

DESCRIPTION

RT-PCRmer™ are primer pairs for specific amplification of cDNA. Beta-2-microglobulin (B2M) is the beta-chain of major histocompatibility complex class I molecules.

B2M like β -actin is ubiquitously expressed and serves as a positive control for northern and other expression studies. These are generally used as controls for measuring cDNA synthesis efficiency by reverse transcription and as controls for mRNA (cDNA) quantitative expression studies. The enclosed human B2M 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 386 bp from human cDNA. The amplified product may also be detected by hybridization using Gene Link OligoProber™ with either a free 5' OH (Catalog No. 40-1104-02) for ³²P labeling or biotinylated probe (Catalog No. 40-1104-03) for non-radioactive detection.

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. GenBank Accession # AB021288.

*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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