



OXFORD BIOMEDICAL RESEARCH

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Product specifications

EZ Prime primer set for human endothelial NOS

Product # EZ-09 Typical Lot

CONTENTS:

PCR primers for use in the detection and analysis of human mRNA transcript. This PCR-Amplimer set amplifies a specific gene transcript of size 485 bp. The amplimer set includes 5' and 3' primers in separate tubes compatible with regular PCR reagents. Each set (each primer in a 50 μ L volume) is sufficient for at least 100 reactions.

EZ-09A Sense Primer

EZ-09B Antisense Primer

Quantity and Concentration: 50 μ M in 50 μ L sterile water.

Storage: -20° C in a constant temperature freezer.

Optimal PCR Conditions:

Number of cycles: 30

Denaturation temperature: 96° C for 35 secs.

Annealing temperature: 62° C for 2 min.

Extension temperature: 72° C for 2 min. in 1 mM MgCl₂.

References:

Garvey, E.P., Tuttle, J.V., Covington, K., Merrill, B.M., Wood, E.R., Baylis S.A., and Charles, I.G. Arch. Biochem. Biophys., **311**, 235-241, 1994.