



OXFORD BIOMEDICAL RESEARCH

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EZ Prime primer set for human neuronal NOS

Product # EZ 08

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 471 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 08 A Sense Primer

EZ 08 B Antisense Primer

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

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

Optimal PCR Conditions:

Number of cycles:	30
Denaturation temperature:	96° C for 35 secs.
Annealing temperature:	56° C for 2 min.
Extension temperature:	72° C for 2 min. in the presence of 2 mM $MgCl_2$.

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.*,