

CERTIFICATE OF ANALYSIS

Product Name:	PCR Enhancer
Catalog Number:	E101
Lot Number:	E101122027
Expiry Date:	12/2027
Composition:	0.1 M tetramethylammonium oxalate in ultrapure PCR-grade water
Supplied Form:	1 tube containing 1.0 ml PCR Enhancer
Storage Conditions:	Store at -20 ± 5 °C. Material can be thawed and refrozen repeatedly without loss of performance.
Purity:	No detectable contamination with proteins, RNA, or DNA, as determined by Qubit Protein, RNA, and DNA assay kits.
Functional Assay:	When diluted 100x, PCR Enhancer increased the specificity of PCR amplification of the <i>Thy-1</i> gene from rat genomic DNA, using a protocol comparable to that described in DOI: 10.1093/nar/28.13.e70. For amplification of the Thy-1 gene fragment, primers 1 and 2 were used.

FOR RESEARCH USE**APPROVED DATE:** 04.08.2025

Manager: Hana Těšitelová