

Certificate of Analysis

Catalogue No: MB125

Product name: NZY First-Strand cDNA Synthesis kit

Batch No: YO042

Expiry Date: 04/2025

Components	Batch
NZYRT Enzyme Mix	YO041
NZYRT 2x Master Mix	YO041
NZY RNase H (<i>E. coli</i>)	ZN051
DEPC-treated H ₂ O	YO031

Test	Specification	Result
Enzyme purity	NZY Reverse Transcriptase and NZY Ribonuclease Inhibitor present in the Enzyme Mix are >90% pure as judged by SDS-PAGE	Pass
Nucleases activity	No visible nicking or cutting of DNA and RNA is detectable after incubation at 37°C (different time-points) as judged by agarose gel electrophoresis	Pass
Functional assay	Full-length cDNA is synthesized by reverse transcription from mouse RNA dilution series, as analysed in a RT-qPCR assay	Pass

This batch meets our specification.

Date: 26/04/2022



Vânia Fernandes
Product Manager



Patrícia Ponte
Senior Manager, Quality Systems