

Certificate of Analysis

Catalogue No: MB172

Product name: NZY M-MuLV First-Strand cDNA Synthesis Kit

Batch No: YO091

Expiry Date: 05/2024

Components	Batch
NZYM-MuLV RT Enzyme Mix	ZN071
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: 22/09/2022



Vânia Fernandes
Product Manager



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