

Certificate of Analysis

Catalogue No: MB172

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

Batch No: YO082

Expiry Date: 05/2024

| Components | Batch |
|--------------------------------|-------|
| NZYM-MuLV RT Enzyme Mix | ZN071 |
| NZYRT 2x Master Mix | ZN081 |
| 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: 25/08/2022



Vânia Fernandes
Product Manager



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