

PRODUCT SPECIFICATION

Product Name:	TargetEx Rapid Reverse Transcriptase 2 mg/mL
Catalogue Number:	TGX-003-BS/BM/BL
Concentration:	2.0 ± 0.1 mg/mL (LOT specific)
Storage Temperature:	-20 °C
Shipping Condition:	Dry ice
Stability:	Stable for 4 years at -20 °C
Storage Buffer:	20 mM Tris, 100 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% glycerol, pH=7.5
Amount:	Quantity varies according to request. Contact us for more details.

QUALITY CONTROL

Assay Name	Specification
Purity Assay	≥ 95 % purity determined by SDS-PAGE
DNase Activity Assay	No detectable level of DNase activity was observed according to a fluorescence-based QC method
RNase Activity Assay	No detectable level of RNase activity was observed according to a fluorescence-based QC method
Residual DNA Assay	No detectable level of residual DNA is present according to a fluorescence-based QC method
Endonuclease Assay	No endonuclease activity was detected according to a gel-electrophoresis based QC method
Functional Assay	Cq values meet criteria in an RT qPCR reaction

Testing confirms compliance with all defined specifications.

