

PRODUCT SPECIFICATION

Product Name:	TargetEx Robust Bst Polymerase Lyo-Ready 5 mg/mL
Catalogue Number:	TGX-028-BS/BM/BL
Concentration:	5.0 ± 0.1 mg/mL (LOT specific)
Storage Temperature:	-20 °C
Shipping Condition:	Dry ice
Stability:	Stable for 1 year at -20 °C. Avoid repeated freeze-thaw cycles.
Storage Buffer:	10 mM Tris, 100 mM KCl, 0.1 mM EDTA, 0.5 M sorbitol, 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 (LAMP)	Active compared to internal standard in a Real-time loop-mediated isothermal amplification (LAMP) reaction

Testing confirms compliance with all defined specifications.

