PRODUCT SPECIFICATION SHEET

PRODUCT SPECIFICATION

Product Name: TargetEx Bst Polymerase (exo-) 5 mg/mL

Catalogue Number: TGX-004-BS/BM/BL

Concentration: 5.0 ± 0.5 mg/mL (LOT specific)

Storage Temperature: -20 °C

Shipping Condition: Blue ice

Stability: Stable for 4 years at -20 °C. Avoid repeated freeze-thaw cycles.

Storage Buffer: 5 mM Tris, 25 mM KCl, 0.05 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
Activity Assay (LAMP)	Active compared to internal standard in a Real-time loop-mediated isothermal amplification (LAMP) reaction

Testing confirms compliance with all defined specifications.