

Taq Dilution Buffer

For research or further manufacturing use only

Catalog No: MDX078

Kit No: B129540

Storage Conditions: -20°C


Component Lot No: TDB-324207A

Expiry date: August 2026

Quality Control Parameters

Optimized for use with Taq HS DNA Polymerase (Cat# MDX008)

Analysis	Specification	Result
Functional	<p>A 3Kb fragment was amplified with a dilution series of Taq Dilution Buffer, using standard conditions and 30 cycles.</p> <p>A 3Kb fragment was amplified with a dilution series of Taq Polymerase, using standard conditions and 30 cycles.</p> <p>Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).</p>	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection 2.5×10^{-3} U DNase.	Passed

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