

Taq Dilution Buffer

For research or further manufacturing use only

Catalog No:	MDX007-100
Kit No:	EN087-B106090
Storage Conditions:	-20°C
Component Lot No:	TDB-122303A
Expiry date:	April 2024

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

QA / QC Representative:



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