

	Certificate of Analysis	COA No: CA_BEM-0013-2
		Version: 07

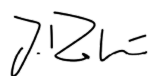
Taq HS DNA Polymerase For research or further manufacturing use only	Catalog No:	MDX008
	Lot No:	EN012-B350870
	Storage Conditions:	-20°C
	Component Lot No:	MTH-525109A
	Expiry date:	October 2027

Quality Control Parameters

Antibody-mediated hot-start enzyme ideal for fast multiplex reactions. Robust performance with low-copy number targets even in the presence of PCR inhibitors

Analysis	Specification	Result
Functional	Fragments of sizes 525bp, 750bp, 900bp and 1300bp are amplified with a dilution series of human genomic DNA, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).	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 control 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 I.	Passed

QA / QC Representative:



J. Rahnenführer

Date: 5th September 2025

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01