meridian BIOSCIENCE™ LIFE DISCOVERED. LIFE DIAGNOSED.	**Certificate of Analysis**	**COA No: CA_XBB-0054-2**
		Version: 06

Tissue Extract-PCR Buffer A

For research or further manufacturing use only

Catalog No:	MDX004
Lot No:	CP007-B351130
Storage Conditions:	-20°C
Component Lot No:	MXA-325109A
Expiry date:	October 2027

Quality Control Parameters

Lysis and neutralization buffer optimized for use with Taq HS DNA Polymerase (Cat# MDX008) to perform PCR direct from crude lysate

Analysis	Specification	Result
Functional	Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, 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 *E. coli* 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 x 10^{-3} U DNase.	Passed

QA / QC Representative: J.Rahnenführer Date: 10th 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

Info@meridianlifescience.com; www.meridianlifescience.com

meridian BIOSCIENCE™	Certificate of Analysis	COA No: CA_XBB-0055-2
		Version: 06

Tissue Extract-PCR Buffer B

For research or further manufacturing use only

Catalog No:	MDX004
Lot No:	CP007-B351130
Storage Conditions:	-20°C
Component Lot No:	MXB-325109A
Expiry date:	October 2027

Quality Control Parameters

Lysis and neutralization buffer optimized for use with Taq HS DNA Polymerase (Cat# MDX008) to perform PCR direct from crude lysate

Analysis	Specification	Result
Functional	Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, 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 *E. coli* 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 x 10^{-3} U DNase.	Passed

QA / QC Representative: J. Rahnenführer Date: 10th September 2025

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

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Tel: +1 901.382.8716
Fax: +1 901.382.0027

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

Info@meridianlifescience.com; www.meridianlifescience.com