 <small>A Merck Life Science Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA BMM-0008
		Version: 03

<h1>Accuzyme Mix™</h1> <p>For Research Use Only</p>	Storage Conditions:	-20°C
	Lot number:	ACX-818105A
	Expiry date:	May 2020

### Quality Control Parameters

Analysis	Specification	Result
Functional	A 2.4Kb fragment is amplified with a dilution series of human genomic DNA, using standard conditions and 30 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 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 $2.5 \times 10^{-3}$ U DNase.	Passed

Authorised by Ivan Mijatovic



**United Kingdom**  
Headquarters UK

[info.uk@bioline.com](mailto:info.uk@bioline.com)  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**USA**

[info.us@bioline.com](mailto:info.us@bioline.com)  
Tel: +1 508 880 8990  
Fax: +1 508 880 8993

**Germany**

[info.de@bioline.com](mailto:info.de@bioline.com)  
Tel: +49 (0)3371 681 229  
Fax: +49 (0)3371 681 244

**France**


[Info.fr@bioline.com](mailto:Info.fr@bioline.com)  
Tel: +33 (0)1 42 56 04 40  
Fax: +33 (0)9 70 06 62 10

**Australia**

[info.aust@bioline.com](mailto:info.aust@bioline.com)  
Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763

**Singapore**

[Info.sg@bioline.com](mailto:Info.sg@bioline.com)  
Tel: +65 6774 7196  
Fax +65 6774 6441

 <small>A Medvet Life Sciences Company</small>	<b>Certificate of Analysis</b>	COA No: CA_XBB-0014
		Version: 03

<h2>MgCl<sub>2</sub> Solution, 50mM</h2> <p>Suitable for Research and further Manufacturing Use as an IVD component</p>	Storage Conditions:	-20°C
	Lot number:	MG-717111A
	Expiry date:	May 2020

### Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 800bp and 3000bp are amplified with a dilution series of BIOTAQ™ DNA Polymerase, using standard conditions and 30 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 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 $2.5 \times 10^{-3}$ U DNase.	Passed

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[info.uk@bioline.com](mailto:info.uk@bioline.com)  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**USA**

[info.us@bioline.com](mailto:info.us@bioline.com)  
Tel: +1 508 880 8990  
Fax: +1 508 880 8993

**Germany**

[info.de@bioline.com](mailto:info.de@bioline.com)  
Tel: +49 (0)3371 681 229  
Fax: +49 (0)3371 681 244

**France**

[info.fr@bioline.com](mailto:info.fr@bioline.com)  
Tel: +33 (0)1 42 56 04 40  
Fax: +33 (0)9 70 06 62 10

**Australia**

[info.aust@bioline.com](mailto:info.aust@bioline.com)  
Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763

**Singapore**

[Info.sg@bioline.com](mailto:Info.sg@bioline.com)  
Tel: +65 6774 7196  
Fax +65 6774 6441