

**Liquid Stable Ready RNA/DNA
qPCR Mix, 5x**

Cat. No. MDX998

Storage Conditions: -20°C

Lot number: RD126C

Test Parameters

Analysis	Specification	Result
Functionality	Performance is evaluated in RT-qPCR assays to amplify RNA template using 3-plex reactions. Ct must be consistent for the test and reference sample.	Passed

Authorised by Thomas Fouqueau
Manager R&D



	Test Release Document	Released: Michele Amasio
		Version: 01

MgCl₂ Solution, 50mM For R&D or further manufacturing use only	Cat No.:	MDX998
	Storage Conditions:	-20 °C
	Lot number:	RD126D

Test 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 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

Authorised by Rosa Maria Porreca
Team Leader, R&D

