

**Test Release Document**

**Released:**  
**Michele Amasio**

**Version: 01**

**Assay Ready DNA qPCR Mix, 5x**

Cat. No. MDX364

Storage Conditions: 15-25 °C

Lot number: RD125D

**Test Parameters**

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

Authorised by Thomas Fouqueau  
 Team Leader R&D



# MgCl<sub>2</sub> Solution, 50mM

For R&D or further manufacturing use only

Cat No.: MDX364

Storage Conditions: -20 °C

Lot number: RD125D

### 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 $2.5 \times 10^{-3}$ U DNase.	Passed

Authorised by Thomas Fouqueau  
 Team Leader, R&D

