

Product Information	
MRDx Master Mix (2X)	
Part Number	852-0035
Storage Temperature	-80°C to -65°C
MMD Lot No	2834
Lot Number	029287
Reference Number	121318
Expiration Date	12/31/2019

Product Description:

A custom 2X master mix formulated for MolecularMD

Product Specifications			
852-0035			
Assay	1 Step RT-qPCR Functional Assay	DNase	RNase
Result	Pass	Pass	Pass



Director of Quality Control

Quality Control Analysis and Specifications:

Nuclease Assays:

DNase: Detectable DNase activity must be below the detectable limits of 100 pg DNase I equivalent as assayed using a fluorogenic substrate following a 1 hour incubation with 1X ToughMix at 37°C.

RNase: Detectable RNase Activity must be below the detectable limits of 1 pg RNase A equivalent as assayed using a fluorogenic substrate following a 1 hour incubation with 1X ToughMix at 37°C.

Functional Assay: Cq standard curve analysis must have coefficient of determination (r^2) ≥ 0.990 with a slope between -3.20 and -3.65 . Control reactions lacking template RNA (NTC) must remain below fluorescence threshold through 45 PCR cycles.

Limitations of Use

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This product was developed, manufactured, and sold for *in vitro* use only. The product is not suitable for administration to humans or animals. SDS sheets relevant to this product are available upon request.