



Certificate of Analysis

Product Name:	Entrans 2X qPCR Probe Master Mix				
Cat No.:	RK21208	Lot No.:	962108H0229	Exp.:	2022.11
Conc.:	2X			Storage:	-20°C

Assay Name/Specification (Minimum release criteria)	Data	Result
Functional Testing (qPCR) Entrans 2X qPCR Probe Master Mix is functionally tested in qPCR with human cDNA template, resulting in a standard curve with a calculated qPCR efficiency of 90-110%, and a dynamic range of 5 orders of magnitude.	90%<E<110%	Pass
gDNA Contamination A minimum of 1 µl Sample is screened for the presence of <i>E.coli</i> genomic DNA using SYBR Green with primers specific for the <i>E.coli</i> 16 S rRNA locus. Results are quantified using a standard curve generated from purified <i>E.coli</i> genomic DNA. The measured level of <i>E.coli</i> genomic DNA contamination is less than 1 copy <i>E.coli</i> genome.	< 1 Copy/µl	Pass
RNase Activity A 20 µl reaction in ABuffer S containing 500 ng total RNA and a minimum of 1 µl Sample is incubated at 37°C. After incubation for 4 hours, the substrate RNA remains intact as determined by gel electrophoresis.	No Degradation	Pass

Conclusion:

In compliance.

Authorized By: Li Shuangjie

Tested By: Wang Yuhong

Date: 2021-07-27

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