

Human Residual RNA Detection Kit (RT-PCR)

Overview

Cat.No. HG-HR001

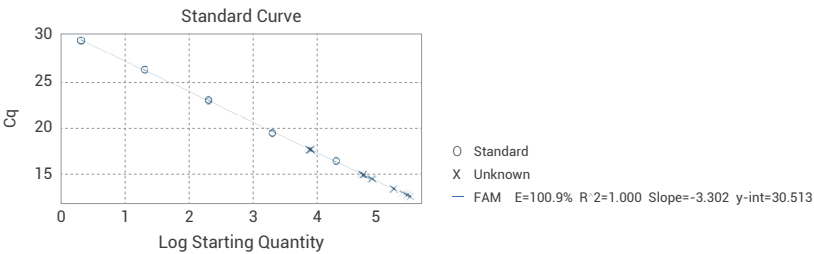
This kit is designed for the quantitative detection of residual Human total RNA in various biological products to improve control quality of nucleic acid.

This kit adopts the principle of the RT-PCR fluorescent probe, combining reverse transcription PCR technology and fluorescent probe method, to realize one-step quantitative detection.

Specification

- Assay range: 2.00~2.00×10⁴ fg/μL
- Limit of quantitation: 2.00 fg/μL
- Limit of detection: 0.50 fg/μL
- Precision: CV% ≤ 15%

Standard curve



Datasheet

Concentration (fg/μl)	Log Concentration	Ct Value(1)	Ct Value(2)	Ct Value(3)	Ct Mean Value	Recovery rate
2.00E+04	4.30	16.45	16.37	16.36	16.39	0.30%
2.00E+03	3.30	19.41	19.51	19.44	19.46	0.26%
2.00E+02	2.30	23.03	22.83	22.98	22.95	0.45%
2.00E+01	1.30	26.31	26.33	26.26	26.30	0.12%
2.00E+00	0.30	29.53	29.48	29.42	29.48	0.19%
Amplification efficiency						100.9%