

Product Name	TOROIVD® Probe 1-step RT-qPCR 5G kit 2.0		
Cat NO	QPR-303UD	QC Date	
Lot NO		Report Date	
QC Items	End products	Store at	2-8℃ (2 months) -20℃ (2years)
According to	Enterprise standard ZS-B-ZLBZ-003	Expire Date	(Store at -20℃)
QC Standard	ISO9001:2015		
QC Report			
	Items	QC Standard	Results
1	Package	The package is in good condition, no damage, no leakage, and the Lot number is correct.	<input type="checkbox"/> Pass
2	Appearance	Clear liquid, no precipitation, no suspended matter.	<input type="checkbox"/> Pass
3	pH	8.0-8.5	<input type="checkbox"/> Pass
4	Protein purity	The content of active protein should not be less than 98%.	<input type="checkbox"/> Pass
5	Nuclease residue	No endogenous endonuclease and exonuclease contamination.	<input type="checkbox"/> Pass
6	Thermal stability	After incubation at 37℃ for 7 days, the difference of Cq value at ≥ 50 copies / reaction was not more than 0.5.	<input type="checkbox"/> Pass
7	Batch stability	The difference of Cqvalue of different batches of reagents at ≥ 50 copies / reaction was not more than 0.5.	<input type="checkbox"/> Pass
8	Evaluation of amplification performance of internal control	The amplification curve was normal and S-shaped.	<input type="checkbox"/> Pass
		Amplification efficiency was 85% -115%, R^2 value ≥ 0.98	<input type="checkbox"/> Pass
		LOD is ≤ 50 copies	<input type="checkbox"/> Pass
9	Contamination removal capacity	Effectively remove the contamination of U-PCR products of Cq value ≥ 35 .	<input type="checkbox"/> Pass
QC Inspector			QA Manager