

Product Name	5G qPCR Premix Screening Kit		
Cat NO	QPT-204U	QC Date	May 25th , 2023
Lot NO	R010110	Report Date	May 26th , 2023
QC Items	End products	Store at	2° C to 8℃ for 2 years
According to	Enterprise standard ZS-B-ZLBZ-001	Expire Date	May 22th , 2025
QC Standard	According to the SOP process document developed by ISO13485: 2016;		

## 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 checked="" type="checkbox"/> Pass
2	Appearance	Clear liquid, no precipitation, no suspended matter.	<input checked="" type="checkbox"/> Pass
3	pH	8.0-8.5	<input checked="" type="checkbox"/> Pass
4	Protein purity	The content of active protein should not be less than 98%.	<input checked="" type="checkbox"/> Pass
5	Nuclease residue	No endogenous endonuclease and exonuclease contamination.	<input checked="" type="checkbox"/> Pass
6	Batch stability	The difference of Cq value of different batches of reagents at $\geq 50$ copies / reaction was not more than 0.5.	<input checked="" type="checkbox"/> Pass
7	Evaluation of amplification performance of internal control	The amplification curve was normal and S-shaped.	<input checked="" type="checkbox"/> Pass
		Amplification efficiency was 85% -115%, $R^2$ value $\geq 0.98$	<input checked="" type="checkbox"/> Pass
		LOD is $\leq 50$ copies	<input checked="" type="checkbox"/> Pass
8	Contamination removal capacity	Effectively remove the contamination of U-PCR products of Cq value $\geq 35$ .	<input checked="" type="checkbox"/> Pass



QC Inspector		QA Manager	
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