

## Product Datasheet

# Vazyme - HiScript III RT SuperMix for qPCR (+gDNA wiper) (R323-01)

<b>Catalog Number</b>	R323-01
<b>Category</b>	Tools
<b>Description</b>	<p>HiScript III RT SuperMix for qPCR (+gDNA wiper) is an upgraded version of HiScript II Q RT SuperMix for qPCR (+gDNA wiper), including HiScript III Reverse Transcriptase, a new generation of reverse transcriptase with optimized Buffer. This kit further improves the efficiency of cDNA synthesis, and is suitable for two-step qRT-PCR detection. The 4 × gDNA wiper Mix in the kit can remove residual genomic DNA from the RNA template, ensuring more reliable quantitative results. It simplifies qPCR primer design without the need of spanning an exon-exon junction; 5 × HiScript III qRT SuperMix contains all the components required for the reverse transcription reaction. The reaction can be performed quickly by adding template RNA and RNase-free ddH<sub>2</sub>O, and at the same time, the gDNA wiper function is terminated to ensure the integrity of the cDNA. It is compatible with dye-based and probe-based qPCR, enabling high-performance gene expression analysis.</p>
<b>Application notes</b>	<p>Easy operation: Add RNA templates to initiate the reverse transcription reaction. It takes only 18 min to finish gDNA elimination and reverse transcription. Broad template compatibility: It is compatible with various species and degraded RNA. Strong impurity tolerance ability: It has strong tolerance to common reverse transcription impurities such as ethanol, isopropyl alcohol, water-balanced phenol, guanidine isothiocyanate, humic acid, etc. Great cDNA synthesis efficiency: In qPCR analysis, cDNA obtained with Vazyme #R323 has smaller CT values.</p>
<b>Usage Notes</b>	Restricted to UK and Ireland's customers ONLY
<b>Storage</b>	Store at -30 ~ -15 °C and transport at ≤0 °C .
<b>Background</b>	Only available for the UK and Republic of Ireland

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**Note** For research use only

**Expiration Date** 12 months from date of receipt.



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