



## Product Insert

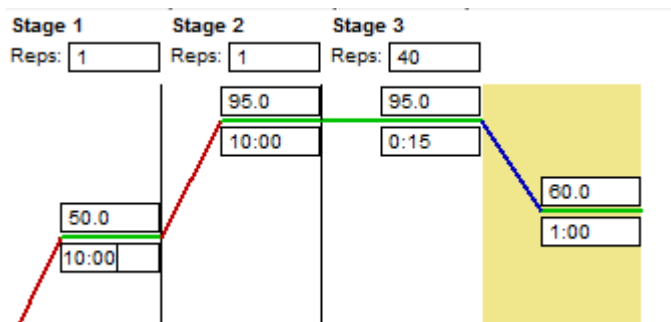
**Catalog # YST0003 200U/ $\mu$ L, Thermostable Reverse Transcriptase. Check our website for the various product sizes available.**

- Active at high temperature (50-55°C) with improved specificity of cDNA synthesis from diverse RNA templates.
- Sensitive: Detects < 100 copies of RNA in one or two-step RT-qPCR assays.
- Short reaction time (10 minutes or less) for fast RT-qPCR workflow and faster time to results
- Stable at room temperature for setting up RT reactions at room temperature.
- Lyophilization-compatible for making freeze-dye products.
- Batch to batch reproducibility.

Test Method for 20uL Reaction Volume:

Component	Volume, uL
2X RT Buffer	10
Thermo-stable Reverse Transcriptase	0.2
HotStart DNA Polymerase (YST0002)	0.4
20X TaqMan Assay (Primer/Probe Mix)	1
RNA Sample	2
Water	6.4
<b>Total</b>	<b>20</b>

Thermal Cycler Protocol:



425 Boulder Court, Suite 500, Pleasanton, CA 94566, USA Phone: 1+(510) 861-2542 Email: [info@sensecarebio.com](mailto:info@sensecarebio.com)

[www.sensecarebio.com](http://www.sensecarebio.com)

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