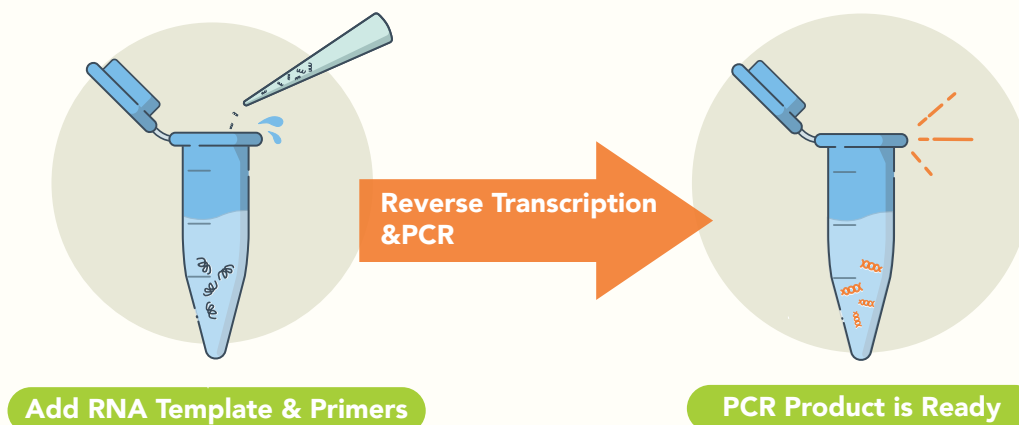


Leadgene® One-step RT-PCR Master Mix



Reverse transcription (RT) and PCR can be performed as a one-step process by combining a reverse transcriptase and a DNA polymerase, allowing a specific and swift nucleic acid amplification using RNA as a template. This simple reaction requires a complex and optimized buffer system, and it can be accomplished with Leadgene's innovative one-step RT-PCR master mix.

What are the benefits of Leadgene® One-Step RT-PCR Mix?

- ▶ Trump the traditional two-step method, which requires converting RNA to cDNA before PCR amplification.
- ▶ Compatible with LEADSPHERE® Lyophilization Technology for a lyophilized format (glycerol-free)
- ▶ Optimized for quantitative PCR and isothermal PCR systems in various composition sets for different assay conditions:

PCR System	Detection Method	Product
One-step quantitative PCR	Fluorescence	EffiStart™ 2X One-Step Probe RT-qPCR Master Mix
	Fluorescence	EffiStart™ 5X One-Step Probe RT-qPCR Master Mix
One-step isothermal PCR	Colorimetry	Leadgene® 2X Colorimetric RT-LAMP Master Mix
	Fluorescence	StablePlus™ 2X Colorimetric RT-LAMP Master Mix
	Fluorescence	Leadgene® 2X Fluorescent RT-LAMP Master Mix
	Fluorescence	StablePlus™ 2X Fluorescent RT-LAMP Master Mix

