

# Volcano3G<sup>®</sup> Family

Volcano3G<sup>®</sup> RT-PCR 2x Master Mix (+GreenDye) (#6301)  
 Volcano3G<sup>®</sup> RT-PCR Probe 2x Master Mix (#6101)  
 Volcano3G<sup>®</sup> RT-PCR Probe 2x Master Mix IVD (# 6101CE)

## Ready-to-use Master Mix for RT-qPCR

### Unique RT-PCR Master Mix:

- A single enzyme that reads both RNA and DNA.
- Improved detection of mRNA down to 500 total copies.
- Extremely thermostable with half-life at 95°C of >40 min.
- **Suitable for SYBR Green (#6301) or probe (#6101 and #6101CE) chemistry.**

### No isothermal reverse transcription step required:

- Zero-step RT-PCR.
- No need for sample extraction and/or lysis as immediate hot PCR cycling conditions can break cell- and virus membranes.

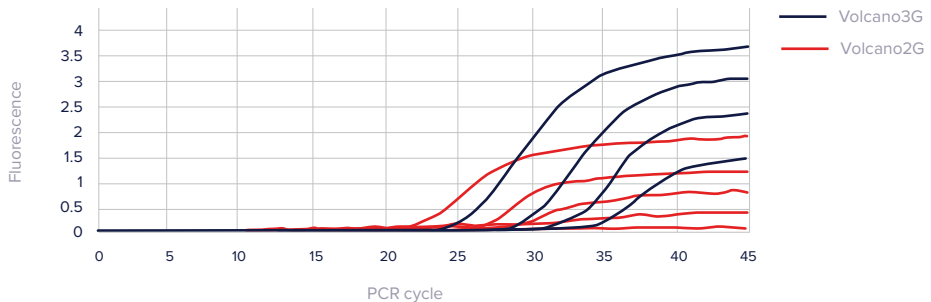
Pack size:

#6301, #6101: 100 or 500 rxn

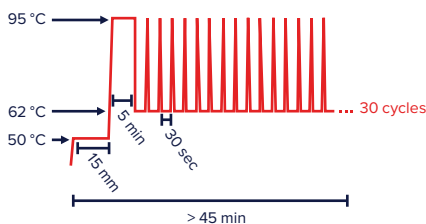
#6101CE: 100 rxn

### Volcano3G vs Volcano2G probe-based qPCR assay, HPRT1 mRNA

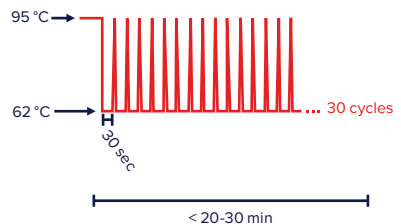
total RNA dilution series: 500,00 - 500 copies/reaction



### Standard one-step RT-PCR protocol



### Fast 0-step RT-PCR protocol



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