

## EffiStart™ 2X Probe qPCR Master Mix (Glycerol-Free)

<b>Catalog Number</b>	LDG0031RF
<b>Package</b>	1 mL / Customized package

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

EffiStart™ 2X Probe qPCR Master Mix (Glycerol-Free) is an optimized reaction mix for real-time polymerase chain reaction (qPCR) kit. This product contains Hot Start Taq DNA Polymerase and is suitable for probe-based detection and formulated as a 2-fold premix. Reaction can be simply set up by adding the DNA template, primers, and probes. This master mix does not contain ROX reference dye; it offers great convenience and minimizes the risk of cross-contamination. This product is a glycerol-free formulation.

#### Product Note

- Primer/Probe concentration

Final concentrations of 400 nM (each primer) are suitable for most reactions. To obtain optimal condition, primer concentration can be titrated between 0.2-1  $\mu$ M.

A final concentration of 200 nM (probe) is suitable for most reactions. To obtain optimal condition, probe concentration can be titrated between 0.1-0.3  $\mu$ M.

- Annealing/Extension optimization

To obtain optimal condition, annealing/extension temperature can be adjusted between 55°C-65°C, annealing/extension time can be extended up to 60 sec.

- Target length

Appropriate amplicon length should be arranged between 80-200 bp.

### Specifications

#### Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

#### Taipei Office

+886-2-27065528

**Application**

Reverse transcription, RT-PCR, qPCR

**Form**

Liquid

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Stability & Storage**

This product is stable after storage at:

- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

**Disclaimer :** For Research Use or Further Manufacturing Only.

**Tainan Headquarter**

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

**Taipei Office**

+886-2-27065528