

## StablePlus™ 2X RT-LAMP Master Mix

Catalog Number LDG0023RF

Package 1 mL

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



### Overview

#### Description

Leadgene® StablePlus™ 2X RT-LAMP Master Mix is an optimized master mix for reverse-transcription loop-mediated isothermal amplification (RT-LAMP) reactions. This product is a dual enzyme system, providing a rapid and sensitive detection in one pot. The amplified products can be detected by agarose gel electrophoresis. The StablePlus™ version contains nucleic acid stabilizing agent to protect the amplified products.

#### Product Note

- Primer concentration

Primer concentration can be titrated between 0.25X - 1X if undesired background signal appeared.

- Detection method

Both detecting the amplified products by agarose gel electrophoresis and turbidity changes due to magnesium pyrophosphate precipitation can be employed to analyze test results, but the latter is somehow less sensitive.

### Specifications

#### Application

Loop-mediated Isothermal Amplification (LAMP)

#### Form

Liquid

### Instruction

#### Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

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**Shipping**

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

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**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.

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