

# Isothermal Master Mix - 400rxns

For research purposes only. Not for use in diagnostic procedures for clinical purposes.  
FOR *IN VITRO* USE ONLY

**Cat. No. ISO-001nd**

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## Product Description:

The Isothermal Master Mix is an optimised Master Mix designed to simplify the preparation of an isothermal amplification assay. The master mix contains a proprietary fast, novel DNA polymerase, proprietary thermostable inorganic pyrophosphatase, optimised reaction buffer, Mg<sub>2</sub>SO<sub>4</sub> and dNTPs.

## Stability:

The Isothermal Master Mix reagents are stable for a minimum of twelve months when stored at -20°C in a constant temperature freezer.

## Supplied Reagents:

8 tubes of 750µl

## Usage:

A typical 25µl reaction would contain the following:

Component	Volume	Final concentration
Isothermal Master Mix	15.0µl	1x
Primers	5.0µl	-
Template	5.0µl	-
<b>Total</b>	<b>25.0µl</b>	

**Typical amplification conditions for this kit are:**

Amplification                      30mins                      65°C

**Note:**

Due to the presence of the inorganic pyrophosphatase there will be no accumulation of PPi.

**Quality Control:**

The Isothermal Master Mix has been tested for performance in Loop-mediated Isothermal DNA amplification.

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