



36250

## Long Taq Mix (2x)

Part E

### Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Blue
Appearance (Clarity)	Clear
Absence of nucleases	No DNA degradation seen when incubated overnight with the Master mix.
DNA contamination	No Plasmid or Genomic DNA contamination seen.

### Other Information

Description

2X Long Taq Mix is a premixed, ready-to-use solution containing Long Taq DNA Polymerase, dNTP, MgCl<sub>2</sub> and Reaction Buffer at optimal concentrations for efficient amplification of DNA templates by PCR. Long taq DNA Polymerase, a combination of two thermostable DNA polymerases - Taq and Pfu, is a special formulation designed for amplifying large fragment. This specially formulated Long Taq was shown to amplify long templates from ? phage genome of up to 20 kb. It is also a better choice for amplifying complex template, such as GC-rich template.

Long taq is suitable as a direct replacement for ordinary Taq Polymerase in most applications. Using Long Taq in your PCR reactions results in 3'-dA overhangs PCR products, which can be used in TA clone.

#### Applications

PCR for long templates of up to 40kb  
High reproducible ,high throughput PCR for complex template

1ml (40 rxns)  
• Long Taq Mix (2x) - 1.0 ml  
• Water, Nuclease Free - 1.0ml

Includes

5 x 1ml (200 rxns)  
• Long Taq Mix (2x) - 1.0 ml x 5  
• Water, Nuclease Free 1.0ml x 5

### General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)

#### HSN Code

1 ml

38229090 (GST 12%)

5 x1 ml

38229090 (GST 12%)

#### Available Packages

1 ml

5 x1 ml

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#### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: [info@srchem.com](mailto:info@srchem.com), website [www.srchem.com](http://www.srchem.com)

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