



11307

FSP 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 DNAcontamination seen.

Other Information

Description

2X FSP Taq Mix is a premixed, ready-to-use solution containing FSP Taq DNA Polymerase, dNTP, Mg²⁺ and Reaction Buffer at optimal concentrations for efficient amplification of DNA templates by PCR. To prepare the final PCR, only primers and template DNA are added. This pre-mixed formulation saves time and reduces contamination due to the fewer pipetting steps required for PCR set up.

The mix retains all features of FSP Taq DNA Polymerase - possesses high amplification efficiency and fast elongation. Can be used in various kinds of PCR. It has an elongation rate 2x higher than regular Taq DNA polymerase, and can shorten the amplification time by half. It has 5' to 3' polymerase activity but lacks of 3' to 5' exonuclease activity, which results in a 3'-dA overhangs PCR product.

Applications

PCR for long and complex templates
High throughput and high reproducible PCR for long and complex templates

Includes

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

5 x 1ml (200 rxns)
• FSP 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

Disclaimer

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