

SolisFAST® Master Mix

NEW!



Some applications of this product may require a license which is not provided by the purchase of this product.

For research use only.

Fast single- and multiplex endpoint PCR assays!

Extremely fast end-point PCR mix for robust and accurate target detection for single- and multiplex reactions

- PCR results in 20 minutes
- reliable results in single and multiplex reactions
- stable for 30 days at room temperature
- robust performance
- suitable Sanger sequencing applications

Ordering

Choose Product Size

- 1 ml | 250 rxn
- 5 x 1ml | 1250 rxn
- 20 ml | 5000 rxn
- 0.2 ml | 50 rxn **free sample**

REQUEST FOR BULK SIZE

Description

SolisFAST® Master Mix is a 5x-concentrated, ready-to-use solution for fast singleplex and multiplex endpoint PCR assays. The mix allows amplification of up to 5 kb fragments from low complexity DNA templates (e.g. lambda, plasmid DNA), and up to 3 kb from complex DNA templates (e.g. human genomic DNA).

Combining our novel in-silico designed SolisFAST® DNA Polymerase and optimized buffer, this mix offers robust PCR, target detection, ice-free shipping and reaction set-

Mix Properties

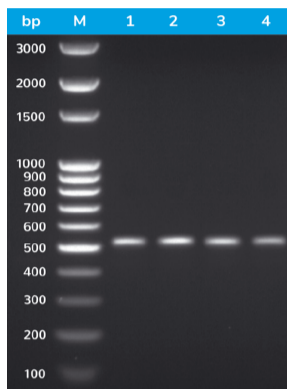
- Concentration:** 5x
- Hot-start:** yes, 2 minutes initial incubation at 98 °C
- Ready-to-load:** no
- Cloning Type:** T/A cloning
- Amplicon Size:** up to 5 kb
- Targets:** 1-18 targets, depending on target length

up.

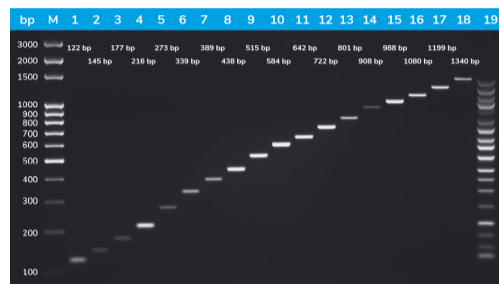
Mix Components:

SolisFAST[®] DNA Polymerase: *In silico* designed analogue of Taq DNA polymerase with enhanced stability at room temperature, fast hot-start and faster extension rates compared to the wild-type Taq DNA polymerase.

PCR buffer: Includes 17.5 mM MgCl₂ (1x PCR solution 3.5 mM MgCl₂), dNTPs (dATP, dCTP, dGTP, dTTP) and additives that maximize efficiency of PCR



PCR results in 20 minutes



Excellent single- and multiplex PCR results

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