

SolisFAST® Probe qPCR Mix

NEW!

Fast, highly sensitive and reproducible probe-based qPCR solution



Extremely fast and highly sensitive probe-based qPCR Mix that has been optimized for detection and quantification of up to five targets simultaneously

delivers qPCR results 2x faster (in as little as 30 minutes)

reliable quantification in up to 5-plex assays

consistent results with low- and high-copy targets

robust performance

30-day stability at room temperature

tolerant to common PCR inhibitors ([read more](#))

Ordering

Choose Mix

Without ROX

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® Probe qPCR Mix is a 5x-concentrated, ready-to-use solution for fast, highly sensitive and reproducible probe-based qPCR assays using dual-labeled hydrolysis probes (e.g. TaqMan® probes), and is suitable for detection and quantitation of up to five targets simultaneously

Combining our novel *in silico*-designed SolisFAST® DNA Polymerase and optimized buffer, this mix offers robust qPCR, and accurate target detection combined with ice free shipping and reaction set-up.

For research use only.

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

Properties

Concentration: 5x

Hot-start: yes, 3 minutes initial incubation at 95 °C

Cycling speed: fast or ultra-fast

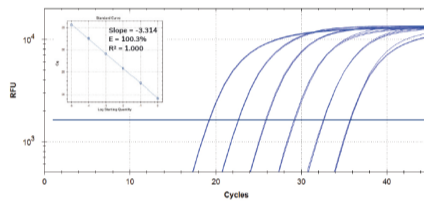
Detection type: Probe-based

Reference dye: none

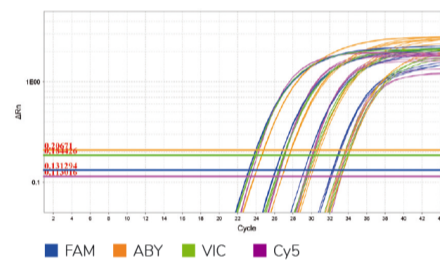
Multiplex: up to 5 plexes simultaneously

Applications

DNA/LNA hydrolysis probe based assays
Detection and quantification of DNA and cDNA targets
Profiling gene expression
Microbial detection
Viral load determination



Accurate and sensitive qPCR



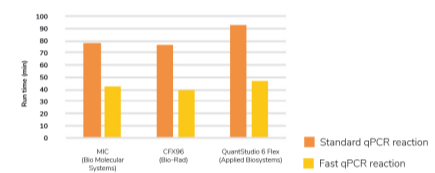
Excellent for multiplex assays

Compatible real-time instruments: The mix is compatible with qPCR cyclers that do not require an internal reference dye (e.g. ROX) for normalization of fluorescent signal.

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.

qPCR buffer: Includes 15 mM MgCl₂ (1x PCR solution 3 mM MgCl₂), dNTPs (dATP, dCTP, dGTP, dTTP), additives that maximize efficiency of PCR



2x less time from samples to results

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