Bio-Rad expands its next-generation line of SsoFast supermixes, delivering a reagent that provides superior qPCR performance for gene expression analysis.

- Unique fusion polymerase and optimized buffer deliver unrivaled speed and performance
- Robust, simultaneous detection of up to 2 different gene targets
- Instant polymerase activation and rapid polymerization kinetics for results in less than 30 min
- Compatible with fast and standard cycling conditions under a broad range of primer/probe concentrations

For more information, visit us on the Web at www.bio-rad.com/supermixes.
SsoFast Probes Supermix

SsoFast probes supermix is part of Bio-Rad’s next-generation family of high-performance, real-time PCR reagents. This supermix uses patented Sso7d fusion protein technology to deliver excellent performance in a wide range of qPCR applications. By combining a novel engineered hot-start fusion polymerase with an optimized buffer, robust qPCR results can be generated in less time and with increased speed, reliability, and sensitivity.

A. Fast 2-Step Cycling

B. Standard 2-Step Cycling

C. Standard 3-Step Cycling

SsoFast probes supermix delivers robust results in a broad range of cycling conditions. Tenfold serial dilutions of 100 ng to 1 pg of cDNA from HeLa cells were used in each 20 µl reaction to detect ß-tubulin.

RFU, relative fluorescence units. RFU

Ordering Information

Catalog # Description
172-5230 SsoFast Probes Supermix, 200 x 20 µl reactions, 2x mix contains dNTPs, Sso7d fusion polymerase, MgCl2, stabilizers
172-5231 SsoFast Probes Supermix, 500 x 20 µl reactions
172-5232 SsoFast Probes Supermix, 1,000 x 20 µl reactions
172-5233 SsoFast Probes Supermix, 2,000 x 20 µl reactions, 20 ml bottle

SsoFast probes supermix delivers superior results for gene expression analysis of two targets on the CFX96™ real-time PCR detection system, with no difference in detection of a low-expressing gene in duplex or singleplex. cDNA from human liver (100 ng) was used in each 20 µl reaction; (●) HEX-labeled GAPDH probe duplex reaction; (●) Texas Red-labeled IL-2 probe duplex reaction; (●) HEX-labeled GAPDH probe simplex reaction; (●) Texas Red-labeled IL-2 probe simplex reaction. Total qPCR run time = 36 min. RFU, relative fluorescence units.

Texas Red is a trademark of Invitrogen Corporation.

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Bio-Rad Laboratories, Inc.