

Fast Bst Mix



A Master Mix Dedicated to Isothermal Amplification

Catalog no. #8501

Ready-to-use mix:

- Bst DNA polymerase with high strand displacement activity in an optimised formulation
- 5' to 3' polymerase activity, but no 5' to 3' exonuclease activity
- High tolerance to inhibitors such as blood

Pack size:

#8501S, 100 rxn

#8501M, 500 rxn

Suitable for isothermal LAMP amplification and real-time detection upon dye addition

Operational temperature range

- Typical running temperature of 65 °C
- Active at a wide range of temperatures from 55°C to 70°C
- Inactivation at temperatures higher than or equal to 80°C

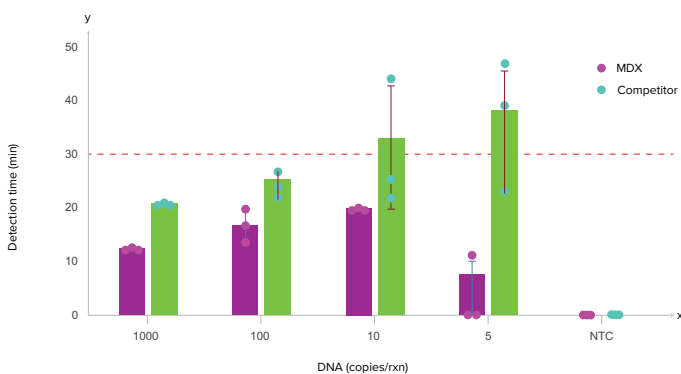


Figure 1. Fast Bst Mix vs. competitor's warm start mix, run in optimal reaction conditions.

Normalized detection time calculated from recorded fluorescence signals.

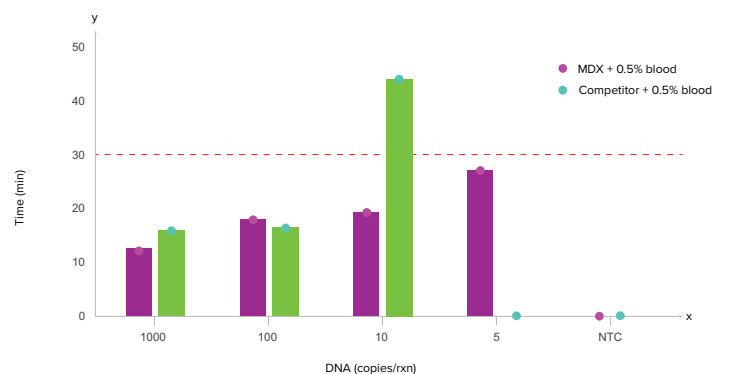


Figure 2. Fast Bst Mix vs. competitor's warm start mix, run with 0.5% blood/reaction.

Normalized detection time calculated from recorded fluorescence signals.

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