

HS Hotstart Taq DNA Polymerase (antibody-modified)

Pack Size: 500U

Ver1.0

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KRISHGEN Biosystems

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Customer Care and Technical Support

If you have any queries, do not hesitate to contact us. We thank you for your comments and advice.

- **For technical queries:** molbio@krishgen.com
- **For ordering:** sales@krishgen.com

DESCRIPTION

Hot-start DNA polymerase with blocked room-temperature activity to minimize non-specific priming and primer-dimer formation.

STORAGE CONDITION

Store at -20°C. It is recommended to aliquot and store to avoid repeated freeze-thaw as it affects the stability of the product.

FEATURES AND BENEFITS

Temperature-dependent activation improves specificity and assay robustness.

APPLICATION SCOPE

High-specificity PCR, multiplex PCR and low-copy template amplification.

USAGE

Use as a premix/kit according to the recommended reaction setup for the corresponding workflow.

FORMAT

Ready-to-use

SHORT PROTOCOL NOTE

- 1) Assemble the reaction at room temperature.
- 2) Load onto the thermal cycler; the hot-start mechanism activates the polymerase at the initial denaturation step.
- 3) Proceed with standard PCR cycling.

PRECAUTIONS

- Do not mix reagents from different kits or lots.
- Reagents from different manufacturers should not be used with this set.

QUALITY CONTROL

It is recommended that for each laboratory assay appropriate quality control samples in each run should be used to ensure that all reagents and procedures are acceptable.

REGULATORY

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DISCLAIMER

The data indicated herein are as indicated and validated in our laboratory. These reagents are for research use only and not for in-vitro diagnostics or human use.

LIMITED WARRANTY

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