

Hi-throughput dUTP qPCR Mix

Product Handling Guide

Shipping: On Dry or Blue Ice
Catalog number: MDX031
Batch No.: See vial
Concentration: 2x

Store at **-20 °C**



Storage and stability:

Hi-throughput dUTP qPCR Mix is shipped on dry or blue ice. On arrival store at -20 °C for optimum stability. Repeated freeze/thaw cycles should be avoided. Thawing during transportation does not affect the product performance. Solutions should be mixed/equilibrated after each thawing to avoid phasing.

Expiry:

When stored under the recommended conditions and handled correctly, full activity of the kit is retained until the expiry date on the outer box label.

Safety precautions:

Read and understand the SDS (Safety Data Sheets) before handling the reagents. Hardcopies of the SDS will be provided with the first shipment, thereafter they will be available upon request.

Quality control:

Bioline operates under ISO 13485 Quality Management System. Hi-throughput dUTP qPCR Mix and its components are extensively tested for activity, processivity, efficiency, heat activation, sensitivity, absence of nuclease contamination and absence of nucleic acid contamination.

Notes:

This reagent has been manufactured under 13485 Quality Management System and is suitable for further manufacturing use as an IVD component.

Description

Hi-throughput dUTP qPCR Mix is a qPCR mix containing Taq polymerase, reaction buffer, dNTP/dUTP mix. Assay specific primers and probes are added and Uracil DNA Glycosylase (UDGase) is used to remove background PCR product contamination, making Hi-throughput dUTP qPCR Mix suitable for high-throughput assays where there is a greater risk of false positives from cross-over contamination.

Kit components

Table 1

Component
Hi-throughput dUTP qPCR Mix, 2x

Users Guidelines

Master mix preparation

Recommended reagent volumes per 20 µL qPCR mix are given in Table 2.

Table 2

Reagent	Volume
Hi-throughput dUTP qPCR Mix, 2x	10 µL
Primer-Probe Mix, 20x	1 µL
Template*	Up to 9 µL
Water	x µL
Total volume	Up to 20 µL

*Use up to 1 µg of complex (e.g. eukaryotic) genomic DNA or 100 ng cDNA in a single PCR

Technical Support

For any technical enquiries, please contact our Technical Support team via email at: mbi.tech@meridianlifescience.com

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