

Hi-throughput dUTP qPCR Lo-ROX

Product Handling Guide

Shipping:	On Dry or Blue Ice
Catalog number:	MDX060
Batch No.:	See vial
Concentration:	2x

Store at **-20 °C**



Storage and stability:

Hi-throughput dUTP qPCR Lo-ROX 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 Lo-ROX 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 Lo-ROX is a qPCR mix containing Taq polymerase, reaction buffer, dNTP/dUTP mix and ROX dye[†]. 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 Lo-ROX 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 Lo-ROX, 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 Lo-ROX, 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

[†]Hi-throughput dUTP qPCR Lo-ROX is compatible with qPCR instruments having the capacity to analyze the qPCR data with the passive reference signal either on or off, as well as instruments that do not require the use of ROX

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