

Glycerol-Free Taq HS High Conc.

Product Handling Guide

Shipping:	On Dry/Blue Ice
Catalog number:	MDX0170
Batch No.:	See vial
Concentration:	50 U/ μ L

Store at -20°C



Storage and stability:

Glycerol-Free Taq HS High Conc. is shipped on dry/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:

Meridian operates under ISO 13485 Quality Management System. Glycerol-Free Taq HS High Conc. and its components are extensively tested for sensitivity

Notes:

For research or further manufactured use only.

Description

Glycerol-Free Taq HS High Conc. contains a glycerol-free blend of Taq DNA polymerase with Taq hot-start antibody. Glycerol-Free Taq HS High Conc. can be used to produce lyophilized or air-dried, ambient-temperature stable qPCR or RT-qPCR reagents. Glycerol-Free Taq HS High Conc. needs to be added into an appropriate reaction buffer with primers and probes prior to lyophilization or air-drying.

Glycerol-Free Taq HS High Conc. is suitable for challenging, multiplex molecular tests that require fast amplification, whilst maintaining both high specificity and sensitivity.

Kit components

Table 1.

Component
Glycerol-Free Taq HS High Conc.

Users Guidelines

Thawing during transportation does not affect the product performance. Prior to use or storing at -20°C , the thawed Glycerol-Free Taq HS High Conc. must be thoroughly mixed by 10 inversions.

Use a final concentration of 0.1 U/ μ L Glycerol-Free Taq HS High Conc. per reaction or, to optimize, titrate in the range 0.05-0.4 U/ μ L.

Addition of non-ionic detergents, or a suitable alternative, to the reaction mix can prevent adsorption and stabilize Glycerol-Free Taq HS High Conc. during PCR.

Associated Products

Product	Cat. No.
Glycerol-Free Taq HS, 50 U/ μ L	MDX011
Aptamer Taq HS (Glycerol-Free)	MDX015
Lyo-Ready qPCR Buffer, 2.5x	MDX022
Lyo-Ready qPCR Buffer w/o Excipients, 4x	MDX061
dNTP Mix, 100mM	MDX051

Technical Support

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