

5x MyTaq™ Red Reaction Buffer

Shipping: On Dry/Blue Ice

Catalog numbers

Batch No.: See vial

BIO-37112 : 4 x 1ml



A Meridian Life Science® Company

Store at -20°C

Storage and stability:

5x MyTaq Reaction Buffer Red is shipped on Dry/Blue Ice and stored at -20°C.

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:

This product is for R&D use only, not for human use, or any other use. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. Please refer to the material safety data sheet for information regarding hazards and safe handling practice.

Quality control specifications:

5x MyTaq Reaction Buffer Red is extensively tested for the absence of nucleic acid contamination prior to release.

Notes

Research Use Only.

Description

Bioline's 5x MyTaq™ Red Reaction Buffer is an advanced formulation buffer that saves time and delivers superior results, containing dNTPs, MgCl₂ and enhancers at optimal concentrations which eliminates the need for optimization. The specially designed red formulation does not interfere with the PCR reaction and enables users to load samples directly onto a gel after the PCR without the need to add loading buffer.

Applications

- For use in reactions containing MyTaq DNA Polymerase
- Use at 1 x concentration in reaction mix

Components

Product Name	Volume
5x MyTaq Red Reaction Buffer	4 x 1ml

5x MyTaq Red Reaction Buffer: The buffer comprises 5mM dNTPs, 15mM MgCl₂, stabilizers and enhancers. The concentration of each component has been extensively optimized, reducing the need for further optimization. Additional PCR enhancers such as HiSpec, PolyMate or Betaine etc. are not recommended.

Protocol

Add 10µl to a 50µl PCR reaction

Associated products

Product Name	Pack size	Cat. No.
MyTaq™ Red DNA polymerase	500 Units	BIO-21108
MyTaq™ HS Red DNA polymerase	250 Units	BIO-21114
Agarose	500g	BIO-41025
Agarose tablets	300g	BIO-41027
HyperLadder™ 1kb	200 Lanes	BIO-33025

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