

5x MyTaq™ Red Reaction Buffer

Shipping: On Dry/Blue Ice

Catalog numbers

Batch No.: See vial

BIO-37112 : 4 x 1 mL

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:

For research or further manufacturing use only.

Trademarks:

MyTaq and HyperLadder are trademarks of Bioline Reagents Ltd.

Description

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 1 mL

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 dextran sulphate or Betaine etc. are not recommended.

Protocol

Add 10 µL to a 50 µL 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

Bioline Ltd
UNITED KINGDOM

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

Meridian Life Science Inc.
USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Bioline GmbH
GERMANY

Tel: +49 (0)3371 60222 03
Fax: +49 (0)3371 60222 01

Bioline (Aust) Pty. Ltd
AUSTRALIA

Tel: +61 (0)2 9209 4180
Fax: +61 (0)2 9209 4763