

# 5x MyTaq™ Reaction Buffer Colorless

Shipping: On Dry/Blue Ice

Catalog numbers

Batch No.: See vial

BIO-37111 : 4 x 1 ml



A Meridian Life Science® Company

Store at -20 °C

## Storage and stability:

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

## Notes:

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

## Description

Bioline's 5x MyTaq™ Reaction Buffer Colorless is an advanced formulation buffer that saves time and delivers superior results, containing dNTPs, MgCl<sub>2</sub> and enhancers at optimal concentrations which eliminates the need for optimization.

## Applications

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

## Components

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

**5x MyTaq Reaction Buffer Colorless:** The buffer comprises 5mM dNTPs, 15mM MgCl<sub>2</sub>, 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 50 µL PCR reaction

## Associated products

Product Name	Pack size	Cat. No.
MyTaq™ DNA polymerase	500 Units	BIO-21105
MyTaq™ HS DNA polymerase	250 Units	BIO-21111

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