

# NH<sub>4</sub> Buffer

Shipping: On Dry/Blue Ice

Catalog number

Batch No.: See vial

BIO-37025 : 3 x 1.2 mL

Store at -20 °C

**meridian** BIOSCIENCE™

## Storage and stability:

The 10x NH<sub>4</sub> Buffer 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:

Bioline operates under ISO 9001 Management System. 10x NH<sub>4</sub> Buffer is extensively tested for the absence of nucleic acid contamination prior to release.

## Notes:

For research or further manufacturing use only.

## Trademarks:

ACCUZYME and IMMOLASE are trademarks of Bioline Reagents Ltd.

## Description

10X NH<sub>4</sub> Buffer is a ready-to-use buffer for PCR. High primer specificity is observed with this buffer within a broad range of annealing temperatures.

## Components (10x):

160 mM (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, 670 mM Tris-HCl (pH 8.8 at 25 °C) and stabilizer.

## Associated products

Product Name	Pack size	Cat. No.
VELOCITY DNA polymerase	250 Units	BIO-21098
ACCUZYME™ DNA polymerase	250 Units	BIO-21051
IMMOLASE™ DNA Polymerase	250 Units	BIO-21046
dNTP Set	4 x 250 mL	BIO-39025

## Product Citations

1. Gubili, C., *et al. Marine Biol.* **156(10)**, 2199-2207 (2009).
2. Petry, C.J., *et al. Hum. Gene.* **126(3)**, 375-384 (2009).
3. Caldwell, G.M., *et al. Br. J. Can.* **98(8)**, 1437-1442 (2008).
4. Munafo, M.R., *et al. Am. J. Med. Gen.* **135(B)**, 10-14 (2005).
5. Caldwell, G.M., *et al. Can. Res.* **64**, 883-888 (2004).
6. Gillespie, K.M., *et al. Tiss. Antigens* **56(6)**, 530 (2000).
7. Al-Sharif, F.M., *et al. J. Immunogene.* **49(7-8)**, 740-741 (1999).

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