

# PCR Water

Catalog numbers

Batch No.: See bottle BIO-37080 : 10 x 10ml



A Meridian Life Science® Company

## Storage and stability:

PCR Water is shipped on dry/blue ice. On arrival store at -20°C for optimum stability.

## Expiry:

When stored under the recommended conditions and handled correctly, full activity is retained until the expiry date on the outer box label.

## Safety precautions:

Please refer to the material safety data sheet for further information.

## Quality control specifications:

Bioline operates under ISO 9001 Management System. PCR Water is extensively tested for contamination prior to release.

## Notes:

Research use only.

## Features

- Ultra-pure 18.2MΩ
- DNase/RNase free
- Ideal for PCR work

## Applications

- For use in molecular biology applications

## Description

Bioline ultra-pure 18.2MΩ PCR Water is extremely pure molecular biology grade water, which is suitable for all PCR, RT-PCR and electrophoresis applications. Purification of ultra-pure water is carried out with a pharmaceutical-grade, absolute 0.22µm membrane filter that is recommended for most analytical applications. Further purification is achieved by filtration of water through a membrane filter with a molecular weight cut-off of 10 Kilo Dalton. Each lot is PCR-tested with universal primers and certified to be free of DNA contamination. For all applications involving RNA, we recommend using DEPC-treated Water, which is chemically treated to destroy any RNase contamination.

## Specifications:

Appearance	Clear Colorless Liquid
Molecular Formula	H <sub>2</sub> O
Molecular Weight	18.02
Performance/Quality	DNase, RNase, Nickase and Protease activities not detected.

## Associated Products

Product	Pack size	Cat. No.
IMMOLASE DNA Polymerase	250 Units	BIO-21046
Quick-Stick Ligase	50 Reactions	BIO-27027
Agarose Tablets	300g	BIO-41027

## Citations:

1. McDonnell, U., *et al. J. Inorg. Biochem.* **102(12)**, 2052-2059 (2008).
2. Hicks, M.R., *et al. Biochem.* **45(29)**, 8912-8917 (2006).

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