

PCR Water

Catalog numbers

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



Storage and stability:

PCR Water is shipped on dry ice or blue ice. Stored at -20°C it is stable for 12 months from date of purchase.

Notes:

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research use only.

DATA SHEET

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 ₂ 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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