

DEPC-Treated Water

Catalog numbers

Batch No.: See bottle BIO-38030 : 10 x 10ml

BIO-38031 : 1 Litre



A Meridian Life Science® Company

Storage and stability:

DEPC-Treated 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. DEPC-Treated Water is extensively tested for RNase contamination prior to release.

Notes:

Research use only.

Features

- Ultra-pure water (18.2MΩ-cm)
- DNase/RNase free
- Ideal for RNA work

Applications

- For use in molecular biology applications

Description

Bioline DEPC-treated Water is deionized, high-quality molecular grade water, which is ready-to-use and requires no preparation, mixing or autoclaving.

DEPC-treated Water is ideal for use in all RNA work. DEPC-treated Water is prepared by treating ultra-pure 18.2MΩ-cm water with diethylpyrocarbonate (DEPC), and is then autoclaved to inactivate the DEPC.

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.
ISOLATE II Plant RNA Kit	50 Preps	BIO-52077
ISOLATE II RNA Mini Kit	50 Preps	BIO-52072
ISOLATE II RNA Micro Kit	50 Preps	BIO-52075
RiboSafe RNase Inhibitor	2500u	BIO-65028
Tetro cDNA Synthesis Kit	100 Rxn	BIO-65043
SensiFAST SYBR NO-ROX One-Step Kit	100 Rxn	BIO-72001

Citations:

1. Boldorini, R., *et al. J. Med. Virol.* **82(12)**, 2127-32 (2010).
2. Burrows, C., *et al. NAR* **38(16)**, 5542-5553 (2010).
3. Malnati, M.S., *et al. Nat. Prot.* **3**, 1240-1248 (2008).
4. Cervelló, I., *et al. Hum. Reprod.* **22(1)**, 45-51(2007).
5. Carrigg, C., *et al. Appl. Microbiol. Biotechnol.* **77(4)**, 955-964 (2007).
6. Nicla Romano, N., *et al. Cell Tissue Res.* **329(3)**, 479-489 (2007).

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