



Severn Biotech Ltd.



DEPC Treated RNase Free Water for PCR

Product Code 20-9000-01 Pack of 50 x 5ml

Ultra-pure water for Molecular Biology

RNase contamination is not uncommon and can be very frustrating. The techniques that are sources of contamination range from procedures such as plasmid preps to nuclease protection assays. Other sources of RNase contamination can be bacterial cultures grown for cloning, or products, such as restriction enzymes. Airborne or surface and solution contamination can also be a problem and the laboratory water supply is an obvious environmental source of RNase.

Humans contribute as a good source of RNase; body fluids such as saliva, tears and mucus, can contain RNase's It is therefore very important to create laboratory regimes to control against contamination. The inclusion of a good SOP (standard operating procedures) and the use of certified RNase-free reagents and equipment especially pipette tips contribute to removal of RNase.

Nuclease Free Water

This Sterile Highly Purified Water product is DEPC treated (Di-ethyl-Pyro-carbonate) and has been 0.2 micron membrane filtered and manufactured in a HEPA filtered air environment to eliminate RNase and Nuclease enzyme activity.

Each aliquot is double Autoclaved sterile at 121°C and is suitable for use in PCR work. Available in 50x 5ml bottle packaging format the DEPC treated Water aliquots prevent Nuclease enzyme contamination, thus the same batch of water can be separately used within your laboratory safe in the knowledge that their will be no worker cross contamination.

Ideal for PCR & RT-PCR applications and designed for all uses in Molecular Biology.

+44 (0)1562 825286
info@severnbiotech.com
severnbiotech.com

Unit 2, Park Lane, Kidderminster, Worcestershire DY11 6TJ

Tel: +44 (0)1562 825286 | Fax: +44 (0)1562 825284 | E-mail: info@severnbiotech.com | www.severnbiotech.com

ISO: 9001:2015 Accredited