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Datasheet for MB-010-0100

Water for Molecular Biology

Overview

Description:	Molecular Biology Grade UltraPure Water (10 X 100 mL) - MB-010-0100
Item No.:	MB-010-0100
Size:	10 x 100 mL

Product Details

Background:	Molecular Biology Grade UltraPure Water is free of all RNase enzymes. DEPC-treated (RNase-free) water is used in handling of RNA in the laboratory to reduce risks of RNA degradation by RNases. It is ideal for all molecular biology applications and is suitable for work involving DNA and RNA.
Synonyms:	DEPC treated sterile deionized water, diethyl dicarbonate water, diethylpyrocarbonate water, Molecular Biology Grade Water, Sterile UltraPure Water

Target Details

Purity/Specificity:	Molecular Biology Grade UltraPure Water consists of highly polished pharmaceutical grade deionized water treated with diethyl pyrocarbonate (DEPC). This product was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
Relevant Links:	• MB-010 SDS

Application Details

Application Note:	Molecular Biology Grade Ultrapure water is suitable for molecular immunology, molecular biology and nucleic acid methodologies, when applicable. Visit our web site at www.rockland.com for methods using this and other buffers.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 X
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at room temperature (18° to 26° C) prior to opening. If desired, the solution may be stored at 4° C or less.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle
Molecular Biology Grade UltraPure Water

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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