



NUCLEASE FREE WATER

User Guide

Catalog Number
ZT-NFW-500
ZT-NFW-1000

Content and Storage Condition

Content	Volume	Shipping Condition	Storage Condition
NUCLEASE FREE WATER	500 mL	RT	4°C
	1 Lt	RT	4°C

Product Description

SOFTEC Nuclease Free Water (non-DEPC-treated) has undergone a deionization and filtration process before being packaged into its final bottle, where it has also been autoclaved. It is a hassle-free solution that requires no preparation, mixing, or additional autoclaving. Our nuclease-free water undergoes thorough testing to ensure the absence of nonspecific endonuclease, exonuclease, and RNase activity.

Application

For PCR and qPCR Protocols: SOFTEC Nuclease Free Water (non-DEPC-treated) as a component of PCR reaction mixtures when using 2x or 5x PCR Mix, lyophilized PCR Mix, or individual PCR reagents.

For Primary Dilutions: Use SOFTEC Nuclease Free Water (non-DEPC-treated) to dilute stock primaries (for example, 100 μ M) to working concentrations (for example, 10 μ M).

SOFTEC Nuclease Free Water (non-DEPC-treated) can be used to dilute lyophilized primers to stock concentrations (e.g. 100 μ M).

Transport Conditions

It can be transported at room temperature. Transportation at room temperature SOFTEC Nuclease Free Water (non-DEPC-treated) does not cause any damage to the quality of the product.

Storage and Stabilization

After opening, it is recommended to store the product at -20 °C to maintain its full yield for a long time. It is recommended to transfer the reagent to sterile tubes and freeze it to minimize the possibility of microbial contamination.

Warning

Do not preserve the product when the package is damaged.

