Nuclease-Free Water

Highly pure, nuclease-free water for use in all molecular biology applications

Product Contents

Nuclease-Free Water	**500 ml**	**1000 ml**	**5 liters**
Catalog no.	**129114**	**129115**	**129117**
Nuclease-Free Water	10 x 50 ml	1000 ml	5 liters
Product Sheet	1	1	1

Storage Conditions

Nuclease-Free Water should be stored at room temperature (15–25°C).

Product Description

Nuclease-Free Water is pure, quality tested water suitable for use in all experiments that require nuclease-free water. In addition, this product is ideal for use in all other molecular biology techniques where pure water is needed. Nuclease-Free Water is prepared in a proprietary process, which yields DNase, RNase, and nuclease-free, deionized water without the use of chemical additives like DEPC. Nuclease-Free Water is provided in nuclease-free containers.

Quality Control

In accordance with QIAGEN's ISO-certified Quality Management System, each lot of Nuclease-Free Water is tested against predetermined specifications to ensure consistent product quality.

Nuclease-Free water is tested for absence of RNase activity, exonuclease and endonuclease activity, and bioburden. Absence of RNase activity is tested by incubation of total RNA for 3 hours at 37°C. Absence of exonuclease is tested by incubation of *Pvu*II-digested plasmid DNA for 16–20 hours at 37°C. Endonuclease activity is tested by incubation of circular plasmid DNA for 16–20 hours at 37°C.

Product Use Limitations

Nuclease-Free Water is intended for research use. No claim or representation is intended to provide information for the diagnosis, prevention, or treatment of a disease.

Safety Information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online in convenient and compact PDF format at www.qiagen.com/ts/msds.asp where you can find, view, and print the MSDS for each QIAGEN kit and kit component.

24-hour emergency information

Emergency medical information in English, French, and German can be obtained 24 hours a day from:

Poison Information Center Mainz, Germany

Tel: +49-6131-19240

Trademarks: QIAGEN® (QIAGEN Group).
© 2006 QIAGEN, all rights reserved. 1042347 10/2006