PCR Grade Water

LOT: See product label

EXPIRY DATE: See product label

ORDERING INFORMATION

CAT. NO.	SIZE	PACKAGE CONTENT
BR1900301	15 ml	10 × 1.5 ml PCR Grade Water
BR1900302	300 ml	6 × 50 ml PCR Grade Water

COMPONENT	COMPOSITION
PCR Grade Water	Ultrapure sterile filtered deionized water.

STORAGE

Room temperature (unopened)

-20°C (until expiry date – see product label)

FEATURES

- Ultrapure sterile filtrated deionized water
- Prepared without the use of chemicals such as DEPC
- DNase-, RNase- and Protease-free
- Bioburden tested

APPLICATIONS

- Ready-to-use water for standard and enhanced PCR and qPCR
- Buffer preparation and enzyme dilutions
- All other molecular biology applications

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DESCRIPTION

biotechrabbit™ PCR Grade Water is ultrapure and sterile filtered deionized water prepared by a proprietary process without the use of chemicals such as DEPC (diethylpyrocarbonate). The water is free from DNase, RNase, protease and bioburdon contaminations, for use in PCR and all other molecular biology applications.

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PCR RECOMMENDED USE

Prevention of PCR or reverse transcription contamination

When assembling the amplification reactions, care should be taken to eliminate the possibility of contamination with undesired DNA or RNA.

- Use separate clean areas for preparation of samples and reaction mixtures and for cycling.
- Wear fresh gloves. Use sterile tubes and pipette tips with aerosol filters for PCR or reverse transcription setup.
- Use only water and reagents that are free of DNA and nucleases.
- With every assay setup, perform a contamination control reaction that does not include template DNA or RNA.

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CERTIFICATE OF ANALYSIS

Quality Control

RNase activity
Absence of RNase activity was checked by incubation of RNA in PCR Grade Water at 37°C for 3 hours. No degradation detected.

DNase activity
PCR Grade Water was incubated with DNA fragments and Plasmid DNA for 14 – 16 hours at 37°C. Samples were checked on an agarose gel. No degradation detected.

Protease activity
A reference protein was incubated in PCR Grade Water for 3 days at 37°C. Samples were checked on a polyacrylamide gel. No degradation detected.

Bioburden
The number of viable aerobic microorganisms present in PCR Grade Water was tested using membrane filtration and incubation for 3-5 days. No growth detected.

Quality confirmed by: Head of Quality Control

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SAFETY INSTRUCTIONS

For safety instructions please see Safety Data Sheets (SDS)/Sicherheitshinweise finden Sie in den SDS unter: http://www.biotechrabbit.com/support/documentation.html.

USEFUL HINTS

- Visit Applications at www.biotechrabbit.com for more products and product selection guides.
- Most biotechrabbit products are available in custom formulations and bulk amounts.

CONTACT BIOTECHRABBIT

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Certified Quality-System mdc ISO 13485 ISO 9001

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