

# Biozym PCR Grade Water

## Product information

Up on arrival the kit should be stored room temperature (unopened).

Component	331705 50 ml
Biozym PCR Grade Water	1 x 50 ml bottle

For research use only.

## 1. Introduction

Biozym PCR Grade Water is ultrapure and sterile filtered deionized water prepared without the use of chemicals such as DEPC (diethylpyrocarbonate). The water is free from DNA, DNase, RNase, protease and bioburden contaminations, for use in PCR and all other molecular biology applications.

## 2. Notes

- DNase-, RNase- and Protease-free, no DNA contamination
- Prepared without use of chemicals (such as DEPC)
- Bioburden tested

## 3. Technical support

For technical support please contact [support@biozym.com](mailto:support@biozym.com)

### Biozym Scientific GmbH

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D-31840 Hess. Oldendorf  
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[www.biozym.com](http://www.biozym.com)

## 4. 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