



PRODUCT INFORMATION

# Water, nuclease-free, molecular biology grade

Pub. No. MAN0013151

Rev. Date 12 December 2018 (Rev. C.00)

#\_

**Assembling Lot 00000000**

**Filling Lot 00000000**

**Expiry Date MM.YYYY**

**Store at +4 °C or RT.**

**For long term storage -20 °C is recommended.**

Components	#R0581	#R0582
Water, nuclease-free, molecular biology grade	4 x 1.25 mL	30 mL

**For Research Use Only.** Not for use in diagnostic procedures.

[www.thermofisher.com](http://www.thermofisher.com)

## Description

Water, nuclease-free, is 0.22 µm membrane-filtered molecular biology grade water.

## Applications

For use in all molecular biology experiments.

## CERTIFICATE OF ANALYSIS

Parameter	Method	Assay Result
Conductivity	Ph. Eur. method.	Conforms requirement
Endo- and Exodeoxyribonucleases	Incubation of single stranded and double stranded radiolabeled oligonucleotides with Water, nuclease-free.	Not detectable
Endodeoxyribonucleases (nicking activity)	Incubation of supercoiled plasmid DNA with Water, nuclease-free.	Not detectable
Ribonucleases	Incubation of RNA transcript with Water, nuclease-free.	Not detectable
Human DNA	Quantitative PCR test, which uses amplification of Alu repeats in human genomic DNA.	Not detectable
Bacterial DNA	Quantitative PCR test, which uses amplification of a part of 16S ribosomal RNA gene, which is specific for all bacteria.	Not detectable

Quality authorized by:

 Jurgita Zilinskiene

**Important Licensing Information:**

This product may be covered by one or more Limited Use Label Licenses. By use of this product, you accept the terms and conditions of all applicable Limited Use Label Licenses.

**PRODUCT USE LIMITATION**

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to [www.thermofisher.com](http://www.thermofisher.com) for Material Safety Data Sheet of the product.

© 2018 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries.