

# NEW



## Nuclease-free water

For use in molecular biology, cell culture applications, or further manufacturing.

Nuclease-free water is manufactured to the highest quality standards and is perfectly suitable for a broad range of applications in your lab, including but not limited to molecular methods (e.g. PCR, cloning, sequencing, LAMP, etc.), nucleic extraction, elution, resuspension or dilution of DNA (natural or synthetic) or RNA (natural or synthetic), making stock and working solutions of reagents, adjusting the final reaction volume, or for further manufacturing. The water can also be used in cell culture applications.

### Key features

- manufactured in an ISO 13485 certified production facility by sterile filtration of deionized water compliant with Ph EUR Monograph 0008
- free of mycoplasmas
- subject to stringent quality controls per batch to guarantee absence of DNase\*, RNase\*, endotoxins and micro-organisms
- per batch Certificate of Analysis
- convenient for a broad range of applications in your lab

\* including NiCKase, endo- and exonucleases

### Product order

Product	Order code
Nuclease-free water (72x 1.5 mL in screw cap tube)	NFW_0015
Nuclease-free water (1x 100 mL PET bottle)	NFW_0100
Nuclease-free water (1x 1000 mL PET bottle)	NFW_1000

INACTIVEblue  
QUALITY IS IN OUR RNA

## Nuclease-free water

### Product specification sheet

Parameter	Specifications
<b>Measured on raw material before filtration</b>	
Bioburden	Conform Ph EUR Monograph 0008
Conductivity	Conform Ph EUR Monograph 0008
TOC	<0.5 ppm
Nitrates	<0.2 ppm NO <sub>3</sub>
Appearance	Clear, colorless fluid
<b>Measured on final product</b>	
Sterility test (performed according to the current Ph. Eur.2.6.1 / USP <71>)	No growth
RNase activity	No detected activity
DNase activity	No detected activity
Endotoxins	<0.25 EU/ml

