

## Nuclease-Free Water, for molecular biology

500 ml

MADE IN DENMARK



A340042

Cat. No.: A340042

-	Nuclease-Free Water, for molecular biology
<b>ID No.</b>	5404000
<b>Flask</b>	Clear
<b>Content</b>	1 x 500 ml

### General Description

Nuclease-Free Water, for molecular biology is suitable for use in polymerase chain reaction and other molecular biology techniques requiring nuclease-free conditions, such as in processing DNA or RNA (i.e. PCR, cDNA synthesis, or qPCR).

- Water molecular biology grade
- Nuclease-free
- Tested free of DNase activity (endonuclease-, nicking and exonuclease activity)
- Tested free of RNase- and protease activity
- Absence of human DNA is tested by PCR
- Tested free of living organisms by bioburden test

This product is highly purified and ultra-filtered. Not DEPC-treated.

Use this product as directed in the protocol of choice.

### Recommended Storage

Store at -20 °C to +25 °C.

Product expiry is stated on the label.

### Related Products

Nuclease-Free Water, for molecular biology	Cat. No.
1 x 100 ml	A340037
1 x 500 ml	A340042
1 x 1000 ml	A340044

PCR Grade Water	Cat. No.
5 x 6 ml	A360056
1 x 500 ml	A360042
1 x 1000 ml	A360044

Ultrapure dNTPs*	Cat. No.
dNTP Mix 40 mM (2 x 500 µl): 10 mM each dA, dC, dG, dT	A502004
dNTP Set, 100 mM each: 250 µl of each dA, dC, dG and dT	A511104

\*Other concentrations and Single dNTPs are available.

Loading Buffers, PCR water and Ladders	Cat. No.
5x Loading Buffer Red *, 5 x 1 ml	A608104
Iqon PCR Ladder **, 100 – 3000 bp, 1 x 0.5 ml	A610341

\* Also available with Blue, Orange or Cyan. \*\* Available in different size ranges.

Taq Master Mixes (500 x 50 µl reactions) *	Cat. No.
2x Master Mix, 1.5 mM MgCl <sub>2</sub> final concentration	A140303
2x Taq OptiMix CLEAR, 1.5 mM MgCl <sub>2</sub> final concentration	A370503
2x Master Mix RED, 1.5 mM MgCl <sub>2</sub> final concentration	A180303

Taq DNA Polymerase (500 units) *	Cat. No.
Taq DNA Polymerase 5 U/µl	A110003
• with 10x Ammonium Buffer	A111103

\*Available in kits including one or two buffers (Ammonium Buffer, Standard Buffer or Combination Buffer). All kits include extra 25 mM MgCl<sub>2</sub>

Hot Start DNA Polymerase (500 units) *	Cat. No.
TEMPase Hot Start DNA Polymerase, 5 U/µl	A220003
• with 10x Ammonium Buffer	A221103

\*Available in kits including one or two buffers (Ammonium Buffer, Standard Buffer or Combination Buffer). All kits include extra 25 mM MgCl<sub>2</sub>

For Research Use Only. Not for use in diagnostics procedures.

Other product sizes, combinations and customized solutions are available. Please look at [www.ampliqon.com](http://www.ampliqon.com) or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

Issued 06/2023