

Nuclease-Free Water, for molecular biology

1000 ml

MADE IN DENMARK



Cat. No.: A340044

-	Nuclease-Free Water, for molecular biology
ID No.	5404000
Flask	Clear
Content	1 x 1000 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 ₂ final concentration	A140303
2x Taq OptiMix CLEAR, 1.5 mM MgCl ₂ final concentration	A370503
2x Master Mix RED, 1.5 mM MgCl ₂ 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 MgCl₂

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 MgCl₂

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 or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

Issued 06/2023