

PCR Grade Water

Cat. No.: A360042



A360042

MADE IN DENMARK

-	PCR Grade Water
ID No.	5401000
Cap colour	Flask
Content	1 x 500 ml

General Description

PCR is a powerful and sensitive method, able to detect the DNA of as little as one copy of a gene. This extreme sensitivity also leads to the amplification of any contaminating DNA that might be present in the reaction. Therefore, setting up a PCR requires highest standards in pipetting routines and the utmost purity of the utilized reagents. Since water takes the largest volume, special care has to be dedicated to its source and quality.

PCR Grade Water

Ultrapure H₂O, free of endonuclease-, nicking-, and exonuclease activity, free of human DNA

Recommended Storage and Stability

Store at -20 °C to +25 °C.

Product expiry is stated on the label.

Quality control

The PCR grade water is tested for contaminating activities, with no trace of endonuclease activity, nicking activity or exonuclease activity. Absence of human DNA is tested by PCR.

Related Products

Taq DNA Polymerase (500 units) *	Cat. No.
Taq DNA Polymerase 5 U/μl • with 10x Ammonium Buffer • 5x PCR Buffer RED	A110003 A111103 A111803
Taq DNA Polymerase 5 U/μl, RED • with 10x Ammonium Buffer	A200003 A201103
Taq DNA Polymerase 5 U/μl, glycerol free • with 10x Ammonium Buffer	A100003 A101103
Hot Start DNA Polymerase (500 units) *	Cat. No.
TEMPase Hot Start DNA Polymerase, 5 U/μl • with 10x Ammonium Buffer	A220003 A221103

*Available in kits including one or two buffers (Ammonium Buffer, Standard Buffer or Combination Buffer). All kits include extra 25 mM MgCl₂.

Buffers for DNA Polymerases *	Cat. No.
10x Ammonium Buffer, 3 x 1.5 ml	A301103
10x Standard Buffer, 3 x 1.5 ml	A302103
10x Combination Buffer, 3 x 1.5 ml	A303103
5x PCR Buffer RED, 6 x 1,5 ml **	A301810
4x GC Buffer I, 3 x 1.5 ml	A301703
4x GC Buffer II, 3 x 1.5 ml	A302703

*Ammonium Buffer, Standard Buffer and Combination Buffer are also available as Mg²⁺ free buffers, detergent free buffers and Mg²⁺ and detergent free buffers.

**For direct gel loading and visualisation.

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
lqon PCR Ladder **, 100 – 3000 bp, 1 x 0.5 ml	A610341
PCR Grade Water, 6 x 5 ml	A360056

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

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