

## PCR Grade Water

Cat. No.: A360042



A360042

MADE IN DENMARK

-	PCR Grade Water
<b>ID No.</b>	5401000
<b>Cap colour</b>	Flask
<b>Content</b>	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 H<sub>2</sub>O, free of endonuclease-, nicking-, and exonuclease activity, free of human DNA

#### Recommended Storage and Stability

Storage at room temperature.  
Long term storage at -20 °C.

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

\*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>.

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

\*Ammonium Buffer, Standard Buffer and Combination Buffer are also available as Mg<sup>2+</sup> free buffers, detergent free buffers and Mg<sup>2+</sup> 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	<b>A502004</b>
dNTP Set, 100 mM each: 250 μl of each dA, dC, dG and dT	<b>A511104</b>

\*Other concentrations and Single dNTPs are available.

Loading Buffers, PCR Water and Ladders	Cat. No.
5x Loading Buffer Red *, 5 x 1 ml	<b>A608104</b>
lqon PCR Ladder **, 100 – 3000 bp, 1 x 0.5 ml	<b>A610341</b>
PCR Grade Water, 6 x 5 ml	<b>A360056</b>

\* 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](http://www.ampliqon.com) or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

**Made in Denmark**

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