

## 4x GC Buffer II (6 mM MgCl<sub>2</sub>)



Cat. No.: A302710

A302710

MADE IN DENMARK

-	4x GC Buffer II
ID No.	5100720
Cap Colour	Black
Content	10 x 1.5 ml

### Key Features

Ampliqon offers a product series specifically developed for the amplification of GC-rich DNA sequences. The Ampliqon TEMPase Hot Start DNA Polymerase combined with GC Buffer I and GC Buffer II promote excellent amplification results with targets of varying degrees of GC content.

We recommend using 4x GC Buffer I or II with Ampliqon TEMPase Hot Start DNA Polymerase. The GC Buffers in combination with Ampliqon TEMPase Hot Start DNA Polymerase and the heat activation step result in a high success rate in amplification of DNA targets with high GC content.

### Recommended Storage and Stability

Long term storage at -20 °C. Product expiry at -20 °C is stated on the label.

Option: Store at +4 °C for up to 6 months.

### Quality Control

The product is tested in a PCR targeting a GC-rich region from human genomic DNA and must yield a specific product band of the correct size.

### Kit Components

#### 4x GC Buffer II

Optimized buffer components, 6 mM MgCl<sub>2</sub> (1.5 mM final concentration).

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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