AMPLIQON
PCR ENZYMES & REAGENTS

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4x GC Buffer I

MADE IN **DENMARK**

Cat. No.	4x GC Buffer I, 6 mM $MgCl_2$ ID: 5100710
A301703	3 x 1.5 ml
A301710	10 x 1.5 ml
A301756	6 x 5 ml

Features and General Description

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 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 I

Optimized buffer components, 6 mM $MgCl_2$ (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 or ask for our complete product list for PCR Enzymes. For customized solutions please contact us.

Made in Denmark

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DOMINIQUE DUTSCHER SAS