

## 4X GC BUFFER 1 6 MM MGCL<sub>2</sub>

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**Cat. No.: 257755**

-	<b>4x GC Buffer 1</b>
<b>ID No.</b>	CL1.500-0010
<b>Cap Colour</b>	Purple
<b>Content</b>	10 x 1.5 ml

### Key Features

ClearLine offers a product series specifically developed for the amplification of GC-rich DNA sequences. The ClearLine Hot disco Taq DNA Polymerase combined with GC Buffer 1 and GC Buffer 2 promote excellent amplification results with targets of varying degrees of GC content.

We recommend to use 4x GC Buffer 1 with Hot Disco Taq DNA Polymerase. The GC Buffers in combination with Hot Disco Taq 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 1

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

**Made in Europe**

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