



PRODUCT INFORMATION

Thermo Scientific 5X Phusion GC Buffer Pack, Detergent-free

Pub. No. MAN0013372

Rev. Date 28 November 2016 (Rev. B.00)

#_

Lot _

Expiry Date _

Store at -20 °C

Ordering information

Component	#F-521L
5X Phusion GC Reaction Buffer, Detergent-free	4 × 1.5 ml
50 mM MgCl ₂	2 × 1.5 ml
100% DMSO	0.5 ml

www.thermofisher.com

For Research Use Only. Not for use in diagnostic procedures.

Description

Thermo Scientific™ Phusion™ GC Reaction Buffer is a buffer solution optimized for GC-rich DNA amplification using Phusion™ High-Fidelity DNA polymerases. The buffer contains 7.5 mM MgCl₂ which provides 1.5 mM MgCl₂ in final reaction conditions.

Important Notes

- Repeated freezing and thawing of the buffer can result in the precipitation or accumulation of MgCl₂ in insoluble form. For consistent results heat the buffer to 90 °C for 10 min and vortex prior to use if needed or store refrigerated.
- The freezing point of DMSO is 18-19 °C, so it does not melt on ice.

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