

## PRODUCT INFORMATION

# Thermo Scientific Phusion GC Buffer Pack

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### Ordering information

Component	#F-519S	#F-519L
5X Phusion GC Reaction Buffer	2 x 1.5 ml	4 x 1.5 ml
50 mM MgCl <sub>2</sub>	1.5 ml	2 x 1.5 ml
100% DMSO	0.5 ml	0.5 ml

Store at -20°C



[www.thermoscientific.com/pcr](http://www.thermoscientific.com/pcr)

### Description

5X 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 MgCl<sub>2</sub> which provides 1.5 mM MgCl<sub>2</sub> in final reaction conditions.

### Important Notes

- Repeated freezing and thawing of the buffer can result in the precipitation or accumulation of MgCl<sub>2</sub> 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.

### Technical support

US: [techservice.genomics@thermofisher.com](mailto:techservice.genomics@thermofisher.com)

Europe, Asia, Rest of World:

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Web: [www.thermoscientific.com/pcr](http://www.thermoscientific.com/pcr)

### PRODUCT USE LIMITATION

This product has been developed and is sold exclusively for research purposes and in vitro use only. This product has not been tested for use in diagnostics or drug development, nor are they suitable for administration to humans or animals.

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