

PRODUCT INFORMATION

Thermo Scientific Phusion HF Buffer Pack

Lot: _

Ordering information

Component	#F-518S	#F-518L
5X Phusion HF Reaction Buffer	2 x 1.5 ml	4 x 1.5 ml
50 mM MgCl ₂	1.5 ml	2 x 1.5 ml
100% DMSO	0.5 ml	0.5 ml

Store at -20°C



www.thermoscientific.com/pcr

Description

5X Thermo Scientific Phusion HF Reaction Buffer is a buffer solution optimized for high-fidelity 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.

Functional test

Tested in PCR by amplifying a 7.5-kb amplicon from human genomic DNA and a 20-kb amplicon from bacteriophage lambda DNA using Phusion High-Fidelity DNA Polymerase.

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.

Technical support

US: techservice.genomics@thermofisher.com

Europe, Asia, Rest of World:

techservice.emea.genomics@thermofisher.com

Web: 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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