



## PRODUCT INFORMATION

# Thermo Scientific Phusion HF Buffer Pack

Pub. No. MAN0013369

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**Store at -25 °C to -15 °C**

### Ordering information

Component	#F-518L
5X Phusion HF Reaction Buffer	4 × 1.5 mL
50 mM MgCl <sub>2</sub>	2 × 1.5 mL
100 % DMSO	0.5 mL

[www.thermofisher.com](http://www.thermofisher.com)

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

### Description

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 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.

### Important Licensing Information:

This product may be covered by one or more Limited Use Label Licenses. By use of this product, you accept the terms and conditions of all applicable Limited Use Label Licenses.

### 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. Please refer to [www.thermofisher.com](http://www.thermofisher.com) for Material Safety Data Sheet of the product.

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