

# PRODUCT INFORMATION Thermo Scientific Phusion HF Buffer Pack, Detergent-free

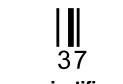
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### Ordering information

Component	#F-520S	#F-520L
5X Phusion HF Reaction Buffer, Detergent-free	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



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### 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 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 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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