

PRODUCT INFORMATION

Thermo Scientific Phire Reaction Buffer, Detergent-free

#F-525L

Lot: _

Ordering information

Component	#F-525S	#F-525L
5X Phire Reaction Buffer, Detergent-free	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 Phire Reaction Buffer is a buffer solution optimized for DNA amplification using Phire Hot Start DNA polymerases. The buffer contains 7.5 mM MgCl₂ which provides 1.5 mM MgCl₂ in the 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.

Technical support

US: techservice.genomics@thermofisher.com

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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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