

# Maxpar® Perm-S Buffer

Catalog#: 201066  
Package Size: 250 ml  
Storage: Store product at 2-8°C

## Technical Information

**Validation:** Each lot of Maxpar Perm-S Buffer is prepared in such a way as to minimize contamination with heavy elements that could interfere with mass cytometry analysis. Reagent purity is confirmed by elemental analysis using inductively coupled plasma – mass spectrometry (ICP-MS), verifying the levels of elemental constituents > 100 atomic mass units are below that which would interfere with CyTOF® mass cytometry assays.

**Recommended Usage:** Maxpar Perm-S Buffer is intended to be used for cell permeabilization, following fixation with Maxpar Fix I Buffer for analysis of intracellular and secreted antigens by CyTOF. Please refer to the Maxpar Cytoplasmic/Secreted Antigen and Phospho-protein Staining Protocols for specific instructions regarding usage.

**Application Notes:** Caution should be used with this reagent to prevent unintentional introduction of elemental contamination, which will result in high levels of background signal detection by mass cytometry. This includes capping the container when not in use, and avoiding contamination from other laboratory reagents.

## Description

Maxpar Perm-S Buffer is optimized for permeabilization of cells following cell fixation with the Maxpar Fix I Buffer, when performing intracellular staining of antigens located in the cytoplasm and secretory pathway, including cytokines, chemokines and growth factors. The Maxpar Perm-S Buffer is formulated to provide the best possible signal to noise ratio for antigen detection by mass cytometry.

### For technical support visit [fluidigm.com/support](http://fluidigm.com/support)

EMAIL **United States and other countries not in Europe or Asia** [techsupport@fluidigm.com](mailto:techsupport@fluidigm.com) | **Europe** [techsupporteurope@fluidigm.com](mailto:techsupporteurope@fluidigm.com) | **Asia** [techsupportasia@fluidigm.com](mailto:techsupportasia@fluidigm.com)  
PHONE **United States (toll-free)** +1 866 358 4354 | **Europe** +33 1 60 92 42 40 | **Japan** +81 3 3662 2150 | **China** +86 21 3255 8368 | **All other countries** +1 650 266 6100

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

Information in this publication is subject to change without notice. **Safety data sheet information** [fluidigm.com/sds](http://fluidigm.com/sds) **Patent and license information** [fluidigm.com/legalnotices](http://fluidigm.com/legalnotices) | Fluidigm, the Fluidigm logo, Cell-ID, CyTOF, and Maxpar are trademarks or registered trademarks of Fluidigm Corporation in the United States and/or other countries. © 2015 Fluidigm Corporation. All rights reserved. 03/2015