

# Maxpar® PBS

Catalog#: 201058  
Package Size: 500 mL  
Storage: Store product at 4 °C

## Technical Information

**Validation:** Each lot of Maxpar PBS 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 PBS is used to dilute Maxpar Barcode Perm Buffer (10X) and Maxpar Fix I Buffer (5X) to a final concentration of 1X, to be prepared in advance of the barcoding protocol. Please refer to the user guide for the Cell-ID 20-Plex Pd Barcoding Kit 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® PBS is optimized for diluting Maxpar Barcode Perm Buffer (10X) and Maxpar Fix I Buffer (5X) into a final concentration of 1X prior to barcoding samples. Maxpar PBS is formulated to provide the best possible signal-to-noise ratio for detection by mass cytometry.

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

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