

# Maxpar® Barcode Perm Buffer (10X)

Catalog#: 201057  
Package Size: 50 mL  
Storage: Store product at 4 °C

## Technical Information

**Validation:** Each lot of Maxpar Barcode Perm Buffer (10X) 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 Barcode Perm Buffer is used to permeabilize cells for barcoding. The Barcode Perm Buffer is provided as a 10X stock solution, and should be used at a final concentration of 1X by pre-diluting with Maxpar PBS. 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® Barcode Perm Buffer is optimized for the permeabilization of cells following fixation with Maxpar Fix I Buffer when barcoding samples. Maxpar Barcode Perm Buffer 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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