

Maxpar PBS

Catalog No.: 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 that the levels of elemental constituents of >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) to 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.

North America +1 650 266 6100 | Toll-free: +1 866 358 4354 in the US | support.northamerica@fluidigm.com **Europe** +33 1 60 92 42 40 | support.europe@fluidigm.com
China (excluding Hong Kong) +86 21 3255 8368 | techsupportchina@fluidigm.com **Japan** +81 3 3662 2150 | techsupportjapan@fluidigm.com
All other Asian countries +1 650 266 6100 | techsupportasia@fluidigm.com **Central and South America** +1 650 266 6100 | techsupportlatam@fluidigm.com

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