

Maxpar[®] Human Peripheral Blood Basic II Phenotyping Panel Kit

Catalog#: 201315
 Package Size: 25 tests

Storage:

- Antibodies, Buffers, and Water: 4°C. Do not freeze.
- Intercalator-Ir: -20°C.

Contents:

- Maxpar[®] Cell Staining Buffer (500 mL)
- Maxpar[®] Fix and Perm Buffer (25 mL)
- Maxpar[®] Water (500 mL)
- Cell-ID™ Intercalator-Ir (125 µM; 25 µL)
- Maxpar[®] Antibodies (see table for panel)**

** The antibodies are provided in individual tubes, not a premixed cocktail.

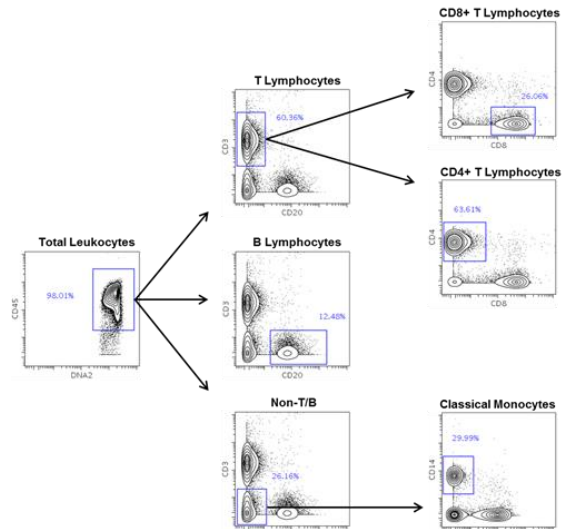
Target	Clone	Metal
CD4	RPA-T4	145Nd
CD8a	RPA-T8	146Nd
CD20	2H7	147Sm
CD16	3G8	148Nd
CD45	HI30	154Sm
CD14	M5E2	160Gd
CD3	UCHT1	170Er

Technical Information

Description: The Maxpar[®] Human Peripheral Blood Basic II Phenotyping Panel Kit is designed for use with fresh or frozen human whole blood or PBMCs. The kit includes all the reagents needed to run a CyTOF[®] experiment including buffers optimized for staining and a nucleic acid intercalator used for single cell identification. The 7 antibodies in the kit allow for the identification of CD4+ T, CD8+ T, B cells, Monocytes, NKs and Granulocytes.

Recommended Usage: Human whole blood or PBMCs isolated by standard techniques are stained according to the Maxpar[®] Cell Surface Staining Protocol. Data collection is performed on a CyTOF[®] mass cytometer.

Analysis: The .fcs files created can be analyzed by most programs designed for .fcs file analysis. An example analysis, "Human PBMC Basic Panel" is available for reference at Fluidigm.Cytobank.org. (Results will vary due to donor and staining condition differences.)



Human PBMCs stained with the Maxpar Human Peripheral Blood Basic II Phenotyping Panel Kit. Total viable cells are displayed in the analysis.

For technical support visit fluidigm.com/support

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