

# Maxpar MCP9 Antibody Labeling Kits (4 Rxn)

**Kit Catalog Numbers: 201106A, 201110A–201114A, and 201116A**

## Purpose

The Maxpar® MCP9 Antibody Labeling Kits provide necessary reagents to conjugate antibodies using Maxpar MCP9 Polymer with Maxpar cadmium (Cd) metal isotopes. Each 4-reaction (4 Rxn) kit contains sufficient reagents to label 4 antibodies in 100 µg amounts with a specific Cd metal isotope. The Cd-conjugated antibodies are intended for use in Fluidigm suspension mass cytometry only.

## Contents

Each 4 Rxn kit contains one of the following Cd metal isotopes, plus all core reagents (MCP9 polymer and buffers) required for antibody labeling. When ordering Cd metal isotopes from Fluidigm, use the kit catalog number (Cat. No.).

**IMPORTANT** The Maxpar MCP9 Antibody Labeling Kit contains reagents with different storage conditions. Store reagents according to Fluidigm recommendations.

Kit Cat. No.	Kit Component	Component Part No.	Volume/ Unit	Unit Quantity	Storage
<b>Maxpar® Cadmium Metal Isotopes*</b>					
201106A	Maxpar Cadmium Nitrate 106Cd—50 mM	S00126	52 µL/tube	1 tube	4 °C. Do not freeze.
201110A	Maxpar Cadmium Nitrate 110Cd—50 mM	S00128	52 µL/tube	1 tube	4 °C. Do not freeze.
201111A	Maxpar Cadmium Nitrate 111Cd—50 mM	S00130	52 µL/tube	1 tube	4 °C. Do not freeze.
201112A	Maxpar Cadmium Nitrate 112Cd—50 mM	S00132	52 µL/tube	1 tube	4 °C. Do not freeze.
201113A	Maxpar Cadmium Nitrate 113Cd—50 mM	S00134	52 µL/tube	1 tube	4 °C. Do not freeze.
201114A	Maxpar Cadmium Nitrate 114Cd—50 mM	S00136	52 µL/tube	1 tube	4 °C. Do not freeze.
201116A	Maxpar Cadmium Nitrate 116Cd—50 mM	S00138	52 µL/tube	1 tube	4 °C. Do not freeze.
<b>Maxpar Core Reagents</b>					
All kits	Maxpar MCP9 Polymer	S00122	0.4 mg/tube	4 tubes	<b>-20 °C</b> sealed with desiccant
All kits	Maxpar R-Buffer	S00001	6 mL/bottle	2 bottles	4 °C. Do not freeze.
All kits	Maxpar C-Buffer	S00003	5.5 mL/bottle	1 bottle	4 °C. Do not freeze.
All kits	Maxpar W-Buffer	S00005	8 mL/bottle	1 bottle	4 °C. Do not freeze.
All kits	Maxpar L-Buffer	S00007	1.4 mL/tube	2 tubes	4 °C. Do not freeze.

\* Antibodies labeled with 106Cd and 110Cd metal isotopes are not compatible for use with the Cell-ID™ 20-Plex Pd Barcoding Kit (Cat. No. 201060) due to direct mass overlap with the 106Pd and 110Pd metal isotopes in the barcoding kit.

## Handling

Before using the reagents, see the Maxpar Antibody Labeling User Guide (PRD002).

## Safety

Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, go to [fluidigm.com/sds](http://fluidigm.com/sds) and search for the SDS using either the product name or the part number.

**For technical support visit [techsupport.fluidigm.com](http://techsupport.fluidigm.com). | For general support visit [fluidigm.com/support](http://fluidigm.com/support).**

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