

Maxpar X8 Antibody Labeling Kits (40 Rxn)

Kit Catalog Numbers: 201141B–201156B and 201158B–201176B

Purpose

The Maxpar® X8 Antibody Labeling Kits provide necessary reagents to conjugate antibodies using Maxpar X8 Polymer with Maxpar lanthanide (Ln) metal isotopes. Each forty-reaction (40 Rxn) kit contains sufficient reagents to label 40 antibodies in 100 µg amounts with a specific Ln metal isotope. The Ln-conjugated antibodies are intended for use in Fluidigm's suspension mass cytometry and Imaging Mass Cytometry™ systems.

Contents

Each 40 Rxn kit contains one of the following Ln metal isotopes, plus all core reagents (X8 polymer and buffers) required for antibody labeling. When ordering Ln metal isotopes from Fluidigm, use the kit catalog number (Cat. No.).

IMPORTANT The Maxpar X8 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
Maxpar® Lanthanide Metal Isotopes					
201141B	Maxpar Praseodymium Chloride 141Pr—50 mM	S00049	200 µL/tube	1 tube	4 °C. Do not freeze.
201142B	Maxpar Neodymium Chloride 142Nd—50 mM	S00050	200 µL/tube	1 tube	4 °C. Do not freeze.
201143B	Maxpar Neodymium Chloride 143Nd—50 mM	S00051	200 µL/tube	1 tube	4 °C. Do not freeze.
201144B	Maxpar Neodymium Chloride 144Nd—50 mM	S00052	200 µL/tube	1 tube	4 °C. Do not freeze.
201145B	Maxpar Neodymium Chloride 145Nd—50 mM	S00053	200 µL/tube	1 tube	4 °C. Do not freeze.
201146B	Maxpar Neodymium Chloride 146Nd—50 mM	S00054	200 µL/tube	1 tube	4 °C. Do not freeze.
201147B	Maxpar Samarium Chloride 147Sm—50 mM	S00055	200 µL/tube	1 tube	4 °C. Do not freeze.
201148B	Maxpar Neodymium Chloride 148Nd—50 mM	S00056	200 µL/tube	1 tube	4 °C. Do not freeze.
201149B	Maxpar Samarium Chloride 149Sm—50 mM	S00057	200 µL/tube	1 tube	4 °C. Do not freeze.
201150B	Maxpar Neodymium Chloride 150Nd—50 mM	S00058	200 µL/tube	1 tube	4 °C. Do not freeze.
201151B	Maxpar Europium Chloride 151Eu—50 mM	S00059	200 µL/tube	1 tube	4 °C. Do not freeze.
201152B	Maxpar Samarium Chloride 152Sm—50 mM	S00060	200 µL/tube	1 tube	4 °C. Do not freeze.
201153B	Maxpar Europium Chloride 153Eu—50 mM	S00061	200 µL/tube	1 tube	4 °C. Do not freeze.
201154B	Maxpar Samarium Chloride 154Sm—50 mM	S00062	200 µL/tube	1 tube	4 °C. Do not freeze.
201155B	Maxpar Gadolinium Chloride 155Gd—50 mM	S00099	200 µL/tube	1 tube	4 °C. Do not freeze.
201156B	Maxpar Gadolinium Chloride 156Gd—50 mM	S00063	200 µL/tube	1 tube	4 °C. Do not freeze.
201158B	Maxpar Gadolinium Chloride 158Gd—50 mM	S00064	200 µL/tube	1 tube	4 °C. Do not freeze.
201159B	Maxpar Terbium Chloride 159Tb—50 mM	S00065	200 µL/tube	1 tube	4 °C. Do not freeze.
201160B	Maxpar Gadolinium Chloride 160Gd—50 mM	S00066	200 µL/tube	1 tube	4 °C. Do not freeze.
201161B	Maxpar Dysprosium Chloride 161Dy—50 mM	S00103	200 µL/tube	1 tube	4 °C. Do not freeze.
201162B	Maxpar Dysprosium Chloride 162Dy—50 mM	S00067	200 µL/tube	1 tube	4 °C. Do not freeze.

Kit Cat. No.	Kit Component	Component Part No.	Volume/ Unit	Unit Quantity	Storage
201163B	Maxpar Dysprosium Chloride 163Dy—50 mM	S00105	200 µL/tube	1 tube	4 °C. Do not freeze.
201164B	Maxpar Dysprosium Chloride 164Dy—50 mM	S00068	200 µL/tube	1 tube	4 °C. Do not freeze.
201165B	Maxpar Holmium Chloride 165Ho—50 mM	S00069	200 µL/tube	1 tube	4 °C. Do not freeze.
201166B	Maxpar Erbium Chloride 166Er—50 mM	S00070	200 µL/tube	1 tube	4 °C. Do not freeze.
201167B	Maxpar Erbium Chloride 167Er—50 mM	S00071	200 µL/tube	1 tube	4 °C. Do not freeze.
201168B	Maxpar Erbium Chloride 168Er—50 mM	S00072	200 µL/tube	1 tube	4 °C. Do not freeze.
201169B	Maxpar Thulium Chloride 169Tm—50 mM	S00073	200 µL/tube	1 tube	4 °C. Do not freeze.
201170B	Maxpar Erbium Chloride 170Er—50 mM	S00074	200 µL/tube	1 tube	4 °C. Do not freeze.
201171B	Maxpar Ytterbium Chloride 171Yb—50 mM	S00075	200 µL/tube	1 tube	4 °C. Do not freeze.
201172B	Maxpar Ytterbium Chloride 172Yb—50 mM	S00076	200 µL/tube	1 tube	4 °C. Do not freeze.
201173B	Maxpar Ytterbium Chloride 173Yb—50 mM	S00107	200 µL/tube	1 tube	4 °C. Do not freeze.
201174B	Maxpar Ytterbium Chloride 174Yb—50 mM	S00077	200 µL/tube	1 tube	4 °C. Do not freeze.
201175B	Maxpar Lutetium Chloride 175Lu—50 mM	S00078	200 µL/tube	1 tube	4 °C. Do not freeze.
201176B	Maxpar Ytterbium Chloride 176Yb—50 mM	S00079	200 µL/tube	1 tube	4 °C. Do not freeze.
Maxpar Core Reagents					
All kits	Maxpar X8 Polymer	S00009	0.1 mg/tube	10 pack of 4 tubes	–20 °C sealed with desiccant
All kits	Maxpar R-Buffer	S00002	60 mL/bottle	1 bottle	4 °C. Do not freeze.
All kits	Maxpar C-Buffer	S00004	55 mL/bottle	1 bottle	4 °C. Do not freeze.
All kits	Maxpar W-Buffer	S00006	80 mL/bottle	1 bottle	4 °C. Do not freeze.
All kits	Maxpar L-Buffer	S00008	14 mL/bottle	1 bottle	4 °C. Do not freeze.

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 and search for the SDS using either the product name or the part number.

For technical support visit techsupport.fluidigm.com.

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