

Maxpar X8 Antibody Labeling Kits (4 Rxn)

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

Purpose

The Maxpar® X8 Antibody Labeling Kits provide necessary reagents to conjugate antibodies using Maxpar X8 Polymer with Maxpar lanthanide (Ln) metal isotopes. Each four-reaction (4 Rxn) kit contains sufficient reagents to label four 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 4 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 | | | | | |
| 201141A | Maxpar Praseodymium Chloride 141Pr—50 mM | S00014 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201142A | Maxpar Neodymium Chloride 142Nd—50 mM | S00015 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201143A | Maxpar Neodymium Chloride 143Nd—50 mM | S00016 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201144A | Maxpar Neodymium Chloride 144Nd—50 mM | S00017 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201145A | Maxpar Neodymium Chloride 145Nd—50 mM | S00018 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201146A | Maxpar Neodymium Chloride 146Nd—50 mM | S00019 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201147A | Maxpar Samarium Chloride 147Sm—50 mM | S00020 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201148A | Maxpar Neodymium Chloride 148Nd—50 mM | S00021 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201149A | Maxpar Samarium Chloride 149Sm—50 mM | S00022 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201150A | Maxpar Neodymium Chloride 150Nd—50 mM | S00023 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201151A | Maxpar Europium Chloride 151Eu—50 mM | S00024 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201152A | Maxpar Samarium Chloride 152Sm—50 mM | S00025 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201153A | Maxpar Europium Chloride 153Eu—50 mM | S00026 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201154A | Maxpar Samarium Chloride 154Sm—50 mM | S00027 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201155A | Maxpar Gadolinium Chloride 155Gd—50 mM | S00098 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201156A | Maxpar Gadolinium Chloride 156Gd—50 mM | S00028 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201158A | Maxpar Gadolinium Chloride 158Gd—50 mM | S00029 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201159A | Maxpar Terbium Chloride 159Tb—50 mM | S00030 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201160A | Maxpar Gadolinium Chloride 160Gd—50 mM | S00031 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201161A | Maxpar Dysprosium Chloride 161Dy—50 mM | S00102 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201162A | Maxpar Dysprosium Chloride 162Dy—50 mM | S00032 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |

| Kit Cat. No. | Kit Component | Component Part No. | Volume/ Unit | Unit Quantity | Storage |
|-----------------------------|--|--------------------|---------------|---------------|------------------------------|
| 201163A | Maxpar Dysprosium Chloride 163Dy—50 mM | S00104 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201164A | Maxpar Dysprosium Chloride 164Dy—50 mM | S00033 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201165A | Maxpar Holmium Chloride 165Ho—50 mM | S00034 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201166A | Maxpar Erbium Chloride 166Er—50 mM | S00035 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201167A | Maxpar Erbium Chloride 167Er—50 mM | S00036 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201168A | Maxpar Erbium Chloride 168Er—50 mM | S00037 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201169A | Maxpar Thulium Chloride 169Tm—50 mM | S00038 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201170A | Maxpar Erbium Chloride 170Er—50 mM | S00039 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201171A | Maxpar Ytterbium Chloride 171Yb—50 mM | S00040 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201172A | Maxpar Ytterbium Chloride 172Yb—50 mM | S00041 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201173A | Maxpar Ytterbium Chloride 173Yb—50 mM | S00106 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201174A | Maxpar Ytterbium Chloride 174Yb—50 mM | S00042 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201175A | Maxpar Lutetium Chloride 175Lu—50 mM | S00043 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| 201176A | Maxpar Ytterbium Chloride 176Yb—50 mM | S00044 | 20 µL/tube | 1 tube | 4 °C. Do not freeze. |
| Maxpar Core Reagents | | | | | |
| All kits | Maxpar X8 Polymer | S00009 | 0.1 mg/tube | 4 tubes | –20 °C sealed with desiccant |
| All kits | Maxpar R-Buffer | S00001 | 6 mL/bottle | 1 bottle | 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 | 1 tube | 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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