

DESCRIPTION

| | |
|---------------------------|---|
| Species Reactivity | Human |
| Specificity | Detects human IL-10 in direct ELISAs. |
| Source | Recombinant Monoclonal Mouse IgG ₁ Clone # 127107R |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-10 Ser19-Asn178 Accession # P22301 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

| Human IL-10 Sandwich Immunoassay | | Reagent |
|---|---------------|---|
| ELISA Capture | 2-8 µg/mL | Human IL-10 Antibody (Catalog # MAB2172R) |
| ELISA Detection | 0.1-0.4 µg/mL | Human IL-10 Biotinylated Antibody (Catalog # BAF217) |
| Standard | | Recombinant Human IL-10 (Catalog # 1064-IL) |

PREPARATION AND STORAGE

| | |
|--------------------------------|--|
| Reconstitution | Reconstitute at 0.5 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

Interleukin-10 (IL-10) is a pleiotropic cytokine that can exert either immunostimulatory or immunosuppressive effects on a variety of cell types. It is produced predominantly by Th2 lymphocytes and other activated lymphoid cells.