

ARG82987 Human IL2 ELISA Kit

Package: 96 wells
Store at: 4°C or -20°C
(depending on the
component)

Summary

| | |
|---------------------|--|
| Product Description | ARG82987 Human IL2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IL2 in Serum, Plasma, Cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Target Name | IL2 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm |
| Sensitivity | 1.1 pg/ml |
| Sample Type | Serum, Plasma, Cell culture supernatants |
| Standard Range | 2.1 - 500 pg/ml |
| Sample Volume | 50 µl |
| Alternate Names | TCGF; IL-2; lymphokine; Interleukin-2; Aldesleukin; T-cell growth factor |

Application Instructions

| | |
|------------|---------|
| Assay Time | 4 hours |
|------------|---------|

Properties

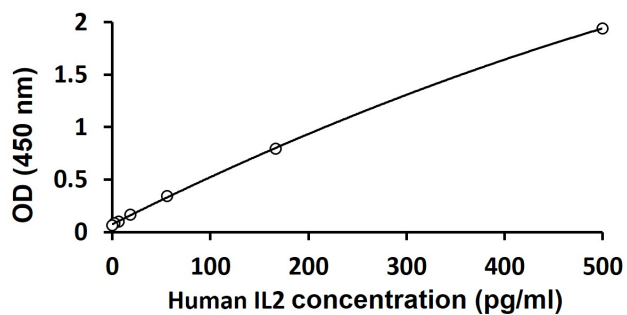
| | |
|---------------------|--|
| Form | 96 well |
| Storage instruction | Store components at 4°C or -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|--|
| Gene Symbol | IL2 |
| Gene Full Name | interleukin 2 |
| Background | The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq, Jul 2008] |

| | |
|---------------|--|
| Function | Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells. [UniProt] |
| Highlight | Related products: IL2 antibodies ; IL2 ELISA Kits ; IL2 Duos / Panels ; IL2 recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |
| Research Area | Immune System kit |

Images



ARG82987 Human IL2 ELISA Kit standard curve image

ARG82987 Human IL2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
