

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	7.8 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	15.6 - 1000 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
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Properties

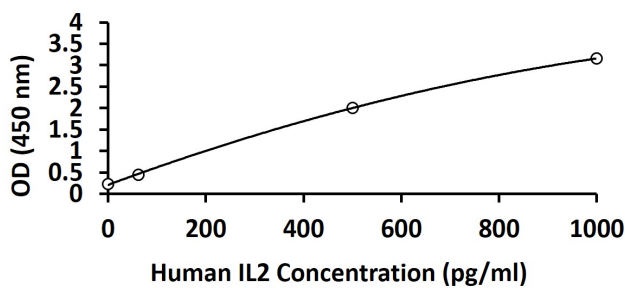
Form	96 well
Storage instruction	Store components at 4°C or -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For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