

Human IL-2 DIY ELISA Kit | IL2 diy elisa kit

Human IL-2 ELISA Kit EZ-Set (DIY Antibody Pairs)

CATALOG # AAA126758	REACTIVITY Human	APPLICATIONS ELISA
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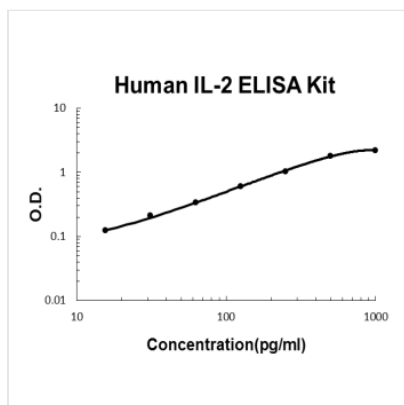
PRODUCT SYNONYMS

IL-2; Human IL-2 ELISA Kit EZ-Set (DIY Antibody Pairs); Interleukin-3; IL-3; Hematopoietic growth factor; Mast cell growth factor; MCGF; Multipotential colony-stimulating factor; P-cell-stimulating factor; IL3; Interleukin-2; IL2 diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA, citrate).
Detection Range	15.6pg/ml-1,000pg/ml
Sensitivity	<1pg/ml
Anticoagulant	heparin, EDTA or citrate
Subcellular Localization	Secreted.
Applicable Applications for IL2 diy elisa kit	ELISA
Immunogen	Expression system for standard: E Coli; Immunogen sequence: A21-T153
Protein 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.
Sequence Similarity	Belongs to the IL-2 family.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human IL-2 EZ Set ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL2 diy elisa kit	Interleukin-2 (IL2), formerly referred to as T-cell growth factor, is a powerfully immunoregulatory lymphokine that is produced by lectin- or antigen-activated T cells. It is produced not only by mature T lymphocytes on stimulation but also constitutively by certain T-cell lymphoma cell lines. The lymphokine interleukin-2 (IL-2) is responsible for autocrine cell cycle progression and regulation of immune responses. IL-2 expression in mature thymocytes and T cells has been found to be tightly controlled by monoallelic expression. IL-2 can act as a growth hormone for both B and T lymphocytes. The human gene for interleukin 2 (IL2) is assigned to chromosome 4. Human IL-2 is a 15.5KDa glycoprotein, consisting of 153 amino acids in precursor form and 133 amino acids in mature form.
Product Categories/Family for IL2 diy elisa kit	EZ-Set ELISA Kits (Ab Pairs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28178861
NCBI GeneID	3558
NCBI Accession #	NP_000577.2
NCBI GenBank Nucleotide #	NM_000586.3
UniProt Accession #	P60568 ; P01585
Molecular Weight	17,628 Da
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	IL2
NCBI Official Synonym Symbols	IL-2; TCGF; lymphokine
NCBI Protein Information	interleukin-2; aldesleukin; T cell growth factor; involved in regulation of T-cell clonal expansion
UniProt Protein Name	Interleukin-2
UniProt Gene Name	IL2
UniProt Synonym Gene Names	IL-2; TCGF
UniProt Entry Name	IL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il2-human-diy-elisa-kits/il-2/126758>