

Human IL-10 DIY ELISA Kit | IL10 diy elisa kit

Human IL-10 ELISA Kit EZ-Set (DIY Antibody Pairs)

CATALOG # AAA126768	REACTIVITY Human	APPLICATIONS ELISA
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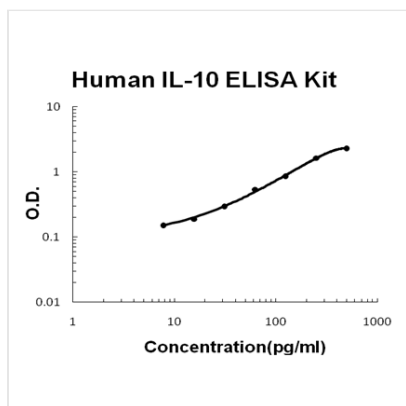
PRODUCT SYNONYMS

IL-10; Human IL-10 ELISA Kit EZ-Set (DIY Antibody Pairs); Interleukin-17A; IL-17; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8; Il17a; Ctl8; Il17; Interleukin-10; IL10 diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.
Samples	cell culture supernatants, serum and plasma (heparin, EDTA, citrate).
Detection Range	7.8pg/ml-500pg/ml(cellculturesupernates)3.4pg/ml-250pg/ml(humanserum,plasma)
Sensitivity	<0.5pg/ml
Anticoagulant	heparin, EDTA or citrate
Subcellular Localization	Secreted.
Applicable Applications for IL10 diy elisa kit	ELISA
Immunogen	Expression system for standard: E Coli; Immunogen sequence: S19-N178
Protein Function	Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.
Sequence Similarity	Belongs to the IL-10 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-10 EZ Set ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL10 diy elisa kit	Interleukin-10, also called cytokine synthesis inhibitory factor, is implicated in tumorigenesis, and it has been shown that polymorphisms in its gene promoter correlate with differential amounts of production. IL-10 is an important cytokine with anti-inflammatory, anti-immune, and antifibrotic functions. It is also an important regulatory cytokine whose involvement extends into diverse areas of the human immune system. IL-10 is a recently described natural endogenous immunosuppressive cytokine that has been identified in human, murine, and other organisms. IL-10 significantly affects chemokine biology, because human IL-10 inhibits chemokine production and is a specific chemotactic factor for CD8+ T cells. It suppresses the ability of CD4+ T cells, but not CD8+ T cells, to migrate in response to IL-8. Interleukin-10 gene polymorphisms and interleukin-10 production capability may contribute to the development of skin squamous cell carcinomas after renal transplantation. ¹ The interleukin-10 locus contributes to the heritability of psoriasis susceptibility. With regard to sudden infant death, IL-10 is of special interest. This is an immunoregulatory cytokine that plays an important role in the development of infectious disease. The mIL-10 gene is mapped to mouse chromosome 1 and the hIL-10 gene is also mapped to human chromosome 1. The standard product used in this kit is recombinant human IL-10, consisting of 160 amino acids with the molecular mass of 18.6kDa.
Product Categories/Family for IL10 diy elisa kit	EZ-Set ELISA Kits (Ab Pairs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124292
NCBI GeneID	3586
UniProt Accession #	P22301
Molecular Weight	178
NCBI Official Full Name	Interleukin-10
NCBI Official Synonym Full Names	interleukin 10
NCBI Official Symbol	IL10
NCBI Official Synonym Symbols	CSIF; TGIF; GVHDS; IL-10; IL10A
NCBI Protein Information	interleukin-10; T-cell growth inhibitory factor; cytokine synthesis inhibitory factor
UniProt Protein Name	Interleukin-10
UniProt Gene Name	IL10
UniProt Synonym Gene Names	IL-10; CSIF
UniProt Entry Name	IL10_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/il10-human-diy-elisa-kits/il-10/126768>