

Human IL-10 ELISA Kit | IL-10 elisa kit

Human IL-10 ELISA Kit

CATALOG # AAA332548	REACTIVITY Human	APPLICATIONS ELISA
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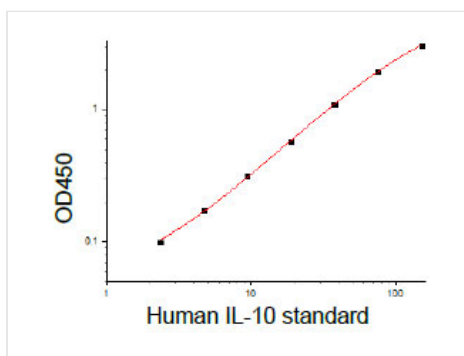
PRODUCT SYNONYMS

IL-10; Human IL-10 ELISA Kit; IL 10; IL10; CSIF; IL10A; MGC126450; MGC126451; TGIF; cytokine synthesis inhibitory factor; IL-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IL-10 ELISA Kit has high sensitivity and excellent specificity for detection of Human IL-10. No significant cross-reactivity or interference between Human IL-10 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	2.35 pg/mL-150 pg/mL
Sensitivity	1 pg/mL
Applicable Applications for IL-10 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-10 elisa kit	Principle of the Assay: The protein encoded by IL-10 gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. Human IL-10 ELISA Kit employs a double antibody sandwich method to quantitate Human IL-10 in samples. An antibody specific for Human IL-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IL-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human IL-10 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The IL-10 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-10 elisa kit	ELISA Assay Kit; Protein

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/human-elisa-kits/il-10/332548>