

Human IL-22 ELISA Kit | IL-22 elisa kit

Human IL-22 ELISA Kit

CATALOG # AAA332553	REACTIVITY Human	APPLICATIONS ELISA
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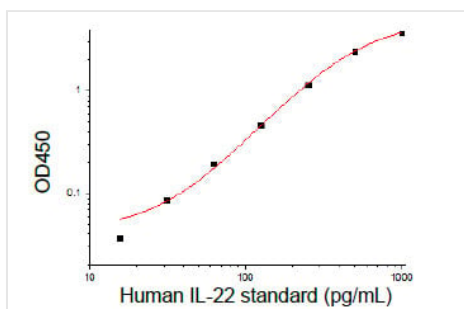
PRODUCT SYNONYMS

IL-22; Human IL-22 ELISA Kit; IL 22; IL22; IL-21; IL-D110; IL-TIF; IL21; ILTIF; MGC79382; MGC79384; TIFIL-23; TIFa; zcyto18; IL-10-related T-cell-derived inducible factor; interleukin 21; IL-22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IL-22 ELISA Kit has high sensitivity and excellent specificity for detection of Human IL-22. No significant cross-reactivity or interference between Human IL-22 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	15.63 pg/mL-1,000 pg/mL
Sensitivity	8 pg/mL
Applicable Applications for IL-22 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-22 elisa kit	Principle of the Assay: Interleukin-22 (IL-22) is protein that in humans is encoded by the IL-22 gene. IL-22 is an alpha-helical cytokine. IL-22 binds to a heterodimeric cell surface receptor composed of IL-10R2 and IL-22R1 subunits. IL-22R is expressed on tissue cells, and it is absent on immune cells. Human IL-22 ELISA Kit employs a double antibody sandwich method to quantitate Human IL-22 in samples. An antibody specific for Human IL-22 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IL-22 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human IL-22 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-22 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-22 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
NCBI GenBank Nucleotide #	NM_020525.4
UniProt Accession #	Q9GZX6
Molecular Weight	20,011 Da
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
NCBI Protein Information	interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_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://www.aaabiotech.com/human-elisa-kits/il-22/332553>