

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

Human IL-22 ELISA KIT

CATALOG #
AAA309881

REACTIVITY
Human

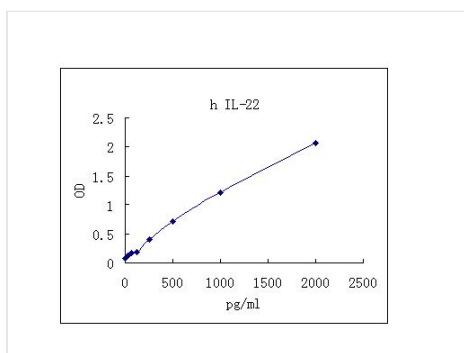
PRODUCT SYNONYMS

IL-22; Human IL-22 ELISA KIT; Human IL-22; IL-22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL-22 Ligand
Assay Type	Solid Phase Sandwich ELISA
Samples	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin)
Detection Range	31.25-2000pg/mL
Sensitivity	15pg/mL
Assay Time	3 hours
Sample Volume	20 uL
Detection Method	Colorimetric
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

Representative standard curve for IL-22 ELISA. IL-22 was diluted in serial two-fold steps in Sample Diluent.

ADDITIONAL INFORMATION

Related Product Information for IL-22 elisa kit

Interleukin 22 (IL-22), also known as IL-10-related T cell-derived inducible factor (IL-TIF), is a member of the IL-10 cytokine family. Other members of this family include IL-10, IL-19, IL-20, IL-24, and IL-26 (1). IL-22 was initially identified as a gene induced by IL-9 in mouse T cells and mast cells (2). Human IL-22 cDNA encodes a 179 amino acid (aa) protein with a putative 33 aa signal peptide, sharing approximately 79% and 22% aa sequence identity with mouse IL-22 and human IL-10, respectively (3, 4). Although the related IL-10 is thought to act as a dimer, the crystal structure of IL-22 suggests it may interact with its receptor as a monomer (5).

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
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF

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-22/309881>