

Human IL-22 ELISA Kit | IL22 elisa kit

Human IL-22 PicoKine ELISA Kit

CATALOG #
AAA45550

REACTIVITY
Human

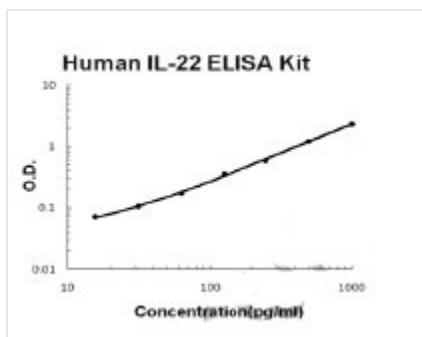
PRODUCT SYNONYMS

IL-22; Human IL-22 PicoKine ELISA Kit; Interleukin-22; interleukin 22; Cytokine Zcyto18; IL 21; IL 22; IL D110; IL-10-related T-cell-derived-inducible factor; IL-TIF; IL22; IL22_HUMAN; ILTIF; Interleukin 22; TIFa; TIFIL 23; zcyto18; IL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL1F10
Sequence Length	179
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL22 elisa kit	Principle of the Assay: The Picokine Human IL1F10 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL1F10 with a 96-well strip plate that is pre-coated with antibody specific for IL1F10. The detection antibody is a biotinylated antibody specific for IL1F10. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human IL1F10 with immunogen: Expression system for standard: E.coli, Immunogen sequence: M1-W152. The kit is analytically validated with ready to use reagents. To measure Human IL1F10, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human IL1F10 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human IL1F10 in the sample!!Background/Introduction: Interleukin-1 family member 10 is a protein that in humans is encoded by the IL1F10 gene. The protein encoded by thi s gene is a member of the interleukin 1 cytokine family. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. This cytokine is thought to participate in a network of interleukin 1 family members to regulate adapted and innate immune responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17366814
NCBI GeneID	50616
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il22-human-elisa-kits/il-22/45550>