

Human Interleukin-22, IL22 ELISA Kit | IL22 elisa kit

Human Interleukin-22, IL22 Primacu ELISA Kit

CATALOG #
AAA124458

REACTIVITY
Human

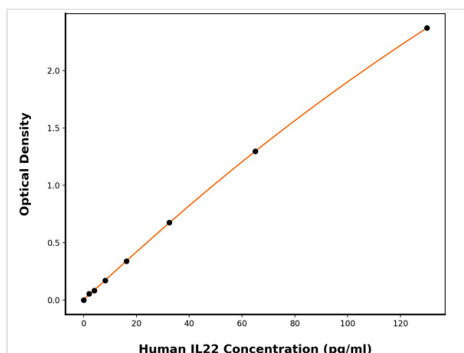
PRODUCT SYNONYMS

Interleukin-22; IL22; Human Interleukin-22; IL22 Primacu ELISA Kit; ILTIF; ZCYTO18; IL22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	2.03-130pg/mL
Sensitivity	0.55pg/mL
Standard Solution	1.3ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for IL22 elisa kit	IL22 is a member of a group of cytokines called the IL-1 family of IL-1 superfamily (including IL-19, IL-2, IL-24, and IL-26), a class of potent mediators of cellular inflammatory responses. It shares the use of IL-1R2 in cell signaling with other members of this family, IL-1, IL-26, IL-28A/B, and IL-29. IL22 is produced by activated DC and T cells and initiates innate immune responses against bacterial pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL22 along with IL-17 is rapidly produced by splenic LTI-like cells and can be also produced by Th17 cells and likely plays a role in the coordinated response of both adaptive and innate immune systems. IL22 biological activity is initiated by binding to a cell-surface complex composed of IL-22R1 and IL-1R2 receptor chains and further regulated by interactions with a soluble binding protein, IL-22BP, which shares sequence similarity with an extracellular region of IL-22R1 (SIL-22R1). IL22 and IL-1 receptor chains play a role in cellular targeting and signal transduction to selectively initiate and regulate immune responses. IL22 can contribute to immune disease through the stimulation of inflammatory responses, S1s, and defensins. IL22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-1. In some contexts, the pro-inflammatory versus tissue-protective functions of IL22 are regulated by the often co-expressed cytokine IL-17A.
Product Categories/Family for IL22 elisa kit	Primacu ELISA Kit; Immunology; Neuroscience

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://stage.aaabiotech.com/human-elisa-kits/interleukin-22-il22/124458>