

IL-32 elisa kit

Human IL-32 PicoKine ELISA Kit

CATALOG #
AAA124987

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

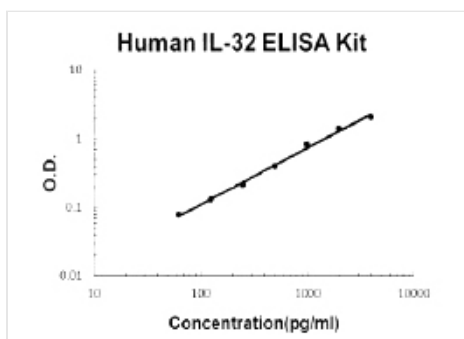
PRODUCT SYNONYMS

IL-32; Human IL-32 PicoKine ELISA Kit; Human IL-32; Interleukin-32; Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor; IL32; NK4; TAlF; Interleukin 32; IL-32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant human IL-32
Sequence Length	188
Samples	Cell Culture Supernates, Cell Lysates, Serum And Plasma (Heparin, Edta)
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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-32 elisa kit	Principle of the Assay: The Picokine Human IL22 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL22 with a 96-well strip plate that is pre-coated with antibody specific for IL22. The detection antibody is a biotinylated antibody specific for IL22. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human IL22 with immunogen: Expression system for standard: E.coli; Immunogen sequence: A34-I179. The kit is analytically validated with ready to use reagents. To measure Human IL22, 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 IL22 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 IL22 in the sample!!Background/Introduction: Interleukin-22(IL-22), also known as ILTIF, is protein that in humans is encoded by the IL22 gene. IL-22 a member of a group of cytokines called the IL-10 family or IL-10 superfamily a class of potent mediators of cellular inflammatory responses. Using FISH, the IL22 gene is mapped to chromosome 12q15, close to the IFNG and the herpesvirus saimiri-induced AK155 genes. IL-22 can contribute to immune disease through the stimulation of inflammatory responses, S100s and defensins. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10. In some contexts, the pro-inflammatory versus tissue-protective functions of IL-22 are regulated by the often coexpressed cytokine IL-17A.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61639466
NCBI GeneID	9235
NCBI Accession #	NP_001012649.1
NCBI GenBank Nucleotide #	NM_001012631.1
UniProt Accession #	P24001; Q5VFH7; Q5VFH8; Q8WV38; Q96GK9; A6NNM0; A8MPX0; B4DJM1; B8Q191; D3DUB0; D3DUB2
Molecular Weight	21,737 Da
NCBI Official Full Name	interleukin-32 isoform B
NCBI Official Synonym Full Names	interleukin 32
NCBI Official Symbol	IL32
NCBI Official Synonym Symbols	NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma
NCBI Protein Information	interleukin-32
UniProt Protein Name	Interleukin-32
UniProt Gene Name	IL32
UniProt Synonym Gene Names	NK4; TAIF; IL-32

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.