

Human IL-32 ELISA Kit | IL32 elisa kit

Human IL-32 ELISA Kit

CATALOG # AAA261749	REACTIVITY Human	APPLICATIONS ELISA
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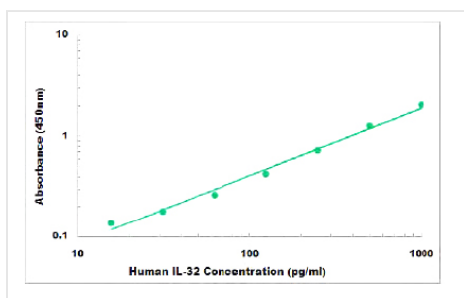
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-32 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-32 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	234
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	7 pg/ml.
Applicable Applications for IL32 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL32 elisa kit	Principle of the Assay The Human IL-32 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-32 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-32 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-32 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-32 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-32 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: IL-32alpha is the shortest and most abundant of four potential splice variants of the proinflammatory cytokine IL-32 (previously called NK4) with a predicted unmodified size of 15 kDa. Potential modifications include myristoylation and N-glycosylation. The IL-32alpha shows increased potency at inducing CXCL2/MIP-2 and CXCL8 expression in PBMC relative to uncleaved IL-32alpha. Transfected IL-32alpha was more likely to be cell-associated as compared to IL-32beta, suggesting an intracellular function. IL-32 is induced by mitogens in peripheral lymphocytes, by IFNgamma in epithelial cells, or by IL-12 with IL-18 in NK cells and in turn induces cytokine expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119364597
NCBI GeneID	9235
UniProt Accession #	P24001; Q5VFH7; Q5VFH8; Q8WV38; Q96GK9; A6NNM0; A8MPX0; B4DJM1; B8Q191; D3DUB0; D3DUB2
Molecular Weight	17,003 Da
NCBI Official Full Name	Interleukin-32
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
UniProt Entry Name	IL32_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.