

Human Interleukin 32 (IL32) ELISA Kit | IL32 elisa kit

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CATALOG #
AAA185081

REACTIVITY
Human

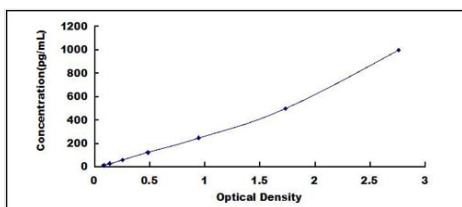
PRODUCT SYNONYMS

Interleukin 32 (IL32); Human Interleukin 32 (IL32) ELISA Kit; NK4; TAIF; TAIFb; TAIFd; Natural Killer Cell Transcript 4; Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor; IL32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 32 (IL32). No significant cross-reactivity or interference between Interleukin 32 (IL32) and analogues was observed.
Sequence Length	148
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	15.6-1000pg/mL
Sensitivity	< 5.8pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interleukin 32 (IL32) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 32 (IL32) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL32 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interleukin 32 (IL32). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Interleukin 32 (IL32). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Interleukin 32 (IL32), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Interleukin 32 (IL32) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111493923
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

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-32-il32/185081>