

Human Interleukin 32 Alpha ELISA Kit | IL 32a elisa kit

Human Interleukin 32 Alpha ELISA Kit

CATALOG #
AAA17177

REACTIVITY
Human

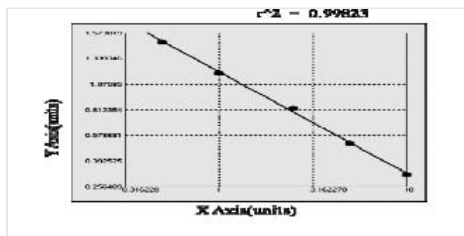
PRODUCT SYNONYMS

Interleukin 32 Alpha; Human Interleukin 32 Alpha ELISA Kit; IL 32a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL 32a elisa kit

Intended Uses: This IL-32alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL-32alpha. This ELISA kit for research use only!

Principle of the Assay: IL-32alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-32alpha antibody and an IL-32alpha -HRP conjugate. The assay sample and buffer are incubated together with IL-32alpha-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-32alpha concentration since IL-32alpha from samples and IL-32alpha -HRP conjugate compete for the anti-IL-32alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-32alpha from the sample, fewer sites are left to bind IL-32alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-32alpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL 32a elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	61658634
NCBI GeneID	9235
NCBI Accession #	NP_001012651.1
NCBI GenBank Nucleotide #	NM_001012633.1
Molecular Weight	17,003 Da
NCBI Official Full Name	interleukin-32 isoform A
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; interleukin-32 eta; interleukin-32 small; interleukin-32 theta; natural killer cells protein 4; natural killer cell transcript 4; tumor necrosis factor alpha-inducing factor
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il-32a-human-elisa-kits/interleukin-32-alpha/17177>