

Human Interleukin 32 beta ELISA Kit | IL 32b elisa kit

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CATALOG #
AAA95961

REACTIVITY
Human

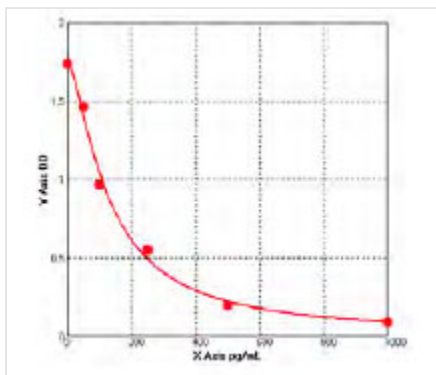
PRODUCT SYNONYMS

Interleukin 32 beta; Human Interleukin 32 beta ELISA Kit; Human Interleukin 32 b ELISA Kit; IL 32b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-32beta. No significant cross-reactivity or interference between IL-32beta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL-32beta and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL 32b elisa kit	Intended Uses: This IL-32beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL-32beta. This ELISA kit for research use only! Principle of the Assay: IL-32beta ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-32beta antibody and an IL-32beta-HRP conjugate. The assay sample and buffer are incubated together with IL-32beta-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-32beta concentration since IL-32beta from samples and IL-32beta-HRP conjugate compete for the anti-IL-32beta antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-32beta from the sample, fewer sites are left to bind IL-32beta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-32beta concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IL 32b elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	399147166
Molecular Weight	19,542 Da
NCBI Official Full Name	interleukin 32 beta
UniProt Protein Name	Interleukin 32 beta
UniProt Entry Name	I7FR42_BOVIN

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://www.aaabiotech.com/il-32b-human-elisa-kits/interleukin-32-beta/95961>