

Human Interleukin 36gamma ELISA Kit | IL-36gamma elisa kit

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CATALOG #
AAA247178

REACTIVITY
Human

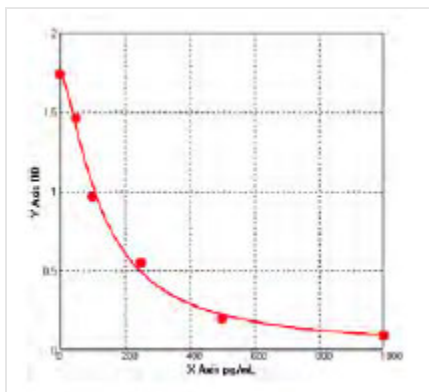
PRODUCT SYNONYMS

Interleukin 36gamma; Human Interleukin 36gamma ELISA Kit; IL-36gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL36G. No significant cross-reactivity or interference between IL36G and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL36G and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	134
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-36gamma elisa kit	Intended Uses: This IL36G ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL36G. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: IL36G ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IL36G antibody and an IL36G-HRP conjugate. The assay sample and buffer are incubated together with IL36G-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 IL36G concentration since IL36G from samples and IL36G-HRP conjugate compete for the anti-IL36G antibody binding site. Since the number of sites is limited, as more sites are occupied by IL36G from the sample, fewer sites are left to bind IL36G-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL36G concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	514388113
NCBI GeneID	56300
NCBI Accession #	NP_001265497.1
NCBI GenBank Nucleotide #	NM_001278568.1
UniProt Accession #	Q9NZH8; Q56B91; Q6UVX7; Q7RTZ9
Molecular Weight	14,928 Da
NCBI Official Full Name	interleukin-36 gamma isoform 2
NCBI Official Synonym Full Names	interleukin 36 gamma
NCBI Official Symbol	IL36G
NCBI Official Synonym Symbols	IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2
NCBI Protein Information	interleukin-36 gamma
UniProt Protein Name	Interleukin-36 gamma
UniProt Gene Name	IL36G
UniProt Synonym Gene Names	IL1E; IL1F9; IL1H1; IL1RP2; IL-1RP2; IL-1 epsilon; IL-1F9; IL-1H1

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-36gamma-human-elisa-kits/interleukin-36gamma/247178>