

Monkey Chitinase-3-like protein 2 (CHI3L2) ELISA Kit | CHI3L2 elisa kit

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CATALOG #
AAA245441

REACTIVITY
Monkey

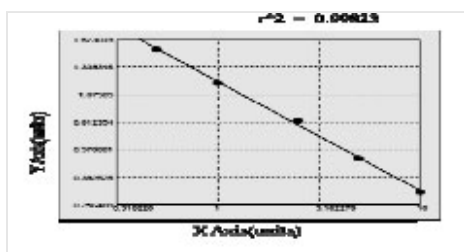
PRODUCT SYNONYMS

Chitinase-3-like protein 2 (CHI3L2); Monkey Chitinase-3-like protein 2 (CHI3L2) ELISA Kit; CHI3L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHI3L2 elisa kit

Intended Uses: This CHI3L2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CHI3L2. This ELISA kit for research use only!

Principle of the Assay||CHI3L2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CHI3L2 antibody and an CHI3L2-HRP conjugate. The assay sample and buffer are incubated together with CHI3L2-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 CHI3L2 concentration since CHI3L2 from samples and CHI3L2-HRP conjugate compete for the anti-CHI3L2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CHI3L2 from the sample, fewer sites are left to bind CHI3L2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHI3L2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CHI3L2 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68533253
NCBI GeneID	1117
NCBI Accession #	NP_001020368.1
NCBI GenBank Nucleotide #	NM_001025197.1
Molecular Weight	42,508 Da
NCBI Official Full Name	chitinase-3-like protein 2 isoform b
NCBI Official Synonym Full Names	chitinase 3-like 2
NCBI Official Symbol	CHI3L2
NCBI Official Synonym Symbols	CHIL2; YKL39; YKL-39
NCBI Protein Information	chitinase-3-like protein 2; chondrocyte protein 39
UniProt Protein Name	Chitinase-3-like protein 2
UniProt Gene Name	CHI3L2
UniProt Entry Name	CH3L2_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.

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Online datasheet: <https://stage.aaabiotech.com/monkey-elisa-kits/chitinase-3-like-protein-2-chi3l2/245441>