

Mouse CHI3L1 ELISA Kit | CHI3L1 elisa kit

Mouse CHI3L1 (Chitinase 3-like 1) ELISA Kit

CATALOG #
AAA165631

REACTIVITY
Mouse

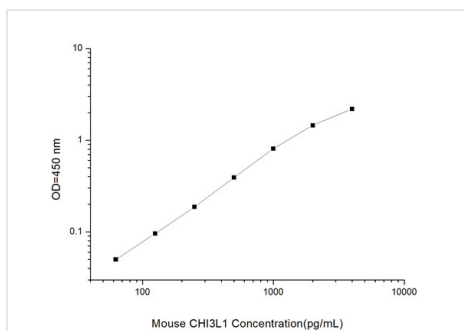
PRODUCT SYNONYMS

CHI3L1; Mouse CHI3L1 (Chitinase 3-like 1) ELISA Kit; CHI3L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CHI3L1. No significant cross-reactivity or interference between Mouse CHI3L1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse CHI3L1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	383
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHI3L1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHI3L1 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CHI3L1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse CHI3L1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CHI3L1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse CHI3L1. You can calculate the concentration of Mouse CHI3L1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	144226251
NCBI GeneID	1116
NCBI Accession #	NP_001267.2
NCBI GenBank Nucleotide #	NM_001276.2
UniProt Accession #	P36222; P30923; Q8IVA4; Q96HI7; B2R7B0
Molecular Weight	42,625 Da
NCBI Official Full Name	chitinase-3-like protein 1
NCBI Official Synonym Full Names	chitinase 3-like 1 (cartilage glycoprotein-39)
NCBI Official Symbol	CHI3L1
NCBI Official Synonym Symbols	GP39; ASRT7; GP-39; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39
NCBI Protein Information	chitinase-3-like protein 1; 39 kDa synovial protein; cartilage glycoprotein 39
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	CHI3L1
UniProt Synonym Gene Names	CGP-39; GP-39; hCGP-39
UniProt Entry Name	CH3L1_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://www.aaabiotech.com/mouse-elisa-kits/chi3l1/165631>