

Mouse chitinase 3-like 1 (cartilage glycoprotein-39) ELISA Kit | CHI3L1 elisa kit

Mouse Chitinase-3-like protein 1, CHI3L1 ELISA Kit

CATALOG #
AAA112455

REACTIVITY
Mouse

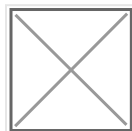
PRODUCT SYNONYMS

chitinase 3-like 1 (cartilage glycoprotein-39); Mouse Chitinase-3-like protein 1; CHI3L1 ELISA Kit; Mouse Chitinase-3-like protein 1 (CHI3L1) ELISA kit; ASRT7; DKFZp686N19119; FLJ38139; GP39; HC-gp39; HCGP-3P; YKL40; YYL-40; chitinase 3-like 1; 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.
Sequence Length	389
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Assay Type	Sandwich
Detection Range	0.47 ng/ml-30 ng/ml
Sensitivity	0.11 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHI3L1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CHI3L1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CHI3L1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CHI3L1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CHI3L1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224809461
NCBI GeneID	12654
NCBI Accession #	NP_031721.2
NCBI GenBank Nucleotide #	NM_007695.3
UniProt Accession #	Q61362; Q3U291; Q4FJW9; Q8BKL8; Q99J84; B0FEU7; D3Z2P2
Molecular Weight	43,893 Da
NCBI Official Full Name	chitinase-3-like protein 1
NCBI Official Synonym Full Names	chitinase-like 1
NCBI Official Symbol	Chi1
NCBI Official Synonym Symbols	Gp39; Brp39; Chi3l1; AW208766
NCBI Protein Information	chitinase-3-like protein 1; GP-39; CGP-39; chitinase 3-like 1; cartilage glycoprotein 39; breast regression protein 39
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	Chi3l1
UniProt Synonym Gene Names	Brp39; Chi1; CGP-39; GP-39
UniProt Entry Name	CH3L1_MOUSE

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/chi3l1-mouse-elisa-kits/chitinase-3-like-1-cartilage-glycoprotein-39/112455>