

Mouse Chitinase-3-like Protein 1 (YKL-40/CHI3L1) ELISA Kit | YKL-40/CHI3L1 elisa kit

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CATALOG #
AAA43628

REACTIVITY
Mouse

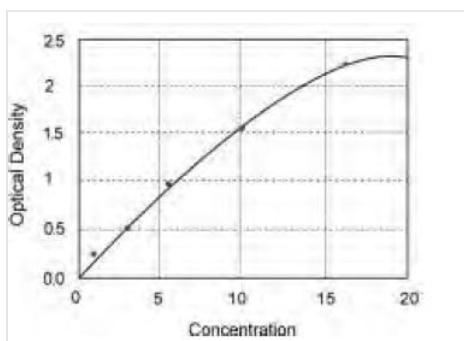
PRODUCT SYNONYMS

Chitinase-3-like Protein 1 (YKL-40/CHI3L1); Mouse Chitinase-3-like Protein 1 (YKL-40/CHI3L1) ELISA Kit; YKL-40/CHI3L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	383
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200ng/ml
Sensitivity	0.25ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YKL-40/CHI3L1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CHI3L1 antibody. CHI3L1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CHI3L1 Antibody is added and binds to CHI3L1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CHI3L1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CHI3L1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Chitinase-3-like Protein 1 (also known as CHI3L1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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
NCBI Official Symbol	CHI3L1
NCBI Official Synonym Symbols	GP39; ASRT7; GP-39; YK-40; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39
NCBI Protein Information	chitinase-3-like protein 1
UniProt Protein Name	Chitinase-3-like protein 1
UniProt Gene Name	CHI3L1
UniProt Synonym Gene Names	CGP-39; GP-39; hCGP-39

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.