

Human Chitinase 3 Like Protein 2 (CHI3L2) ELISA Kit | CHI3L2 elisa kit

Human Chitinase 3 Like Protein 2 (CHI3L2) ELISA Kit

CATALOG #
AAA63745

REACTIVITY
Human

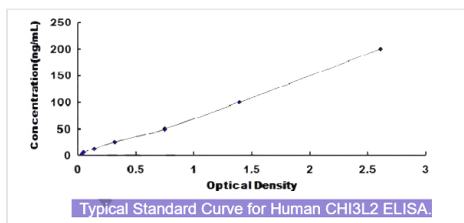
PRODUCT SYNONYMS

Chitinase 3 Like Protein 2 (CHI3L2); Human Chitinase 3 Like Protein 2 (CHI3L2) ELISA Kit; YKL39; Chondrocyte protein 39; CHI3L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHI3L2. No significant cross-reactivity or interference between CHI3L2 and analogues was observed.
Sequence Length	380
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.33ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHI3L2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CHI3L2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHI3L2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHI3L2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHI3L2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CHI3L2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CHI3L2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CHI3L2 in human serum, plasma, tissue homogenates or other biological fluids.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	68533253
NCBI GeneID	1117
NCBI Accession #	NP_001020368.1
NCBI GenBank Nucleotide #	NM_001025197.1
UniProt Accession #	Q15782; Q15749; Q15783; Q5VUV7; Q96F97; A6NNY3; B4DPR7
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
UniProt Protein Name	Chitinase-3-like protein 2
UniProt Gene Name	CHI3L2

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://stage.aaabiotech.com/human-elisa-kits/chitinase-3-like-protein-2-chi3l2/63745>