

Human CLIP-associating protein 2 (CLASP2) ELISA Kit | CLASP2 elisa kit

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CATALOG #
AAA68135

REACTIVITY
Human

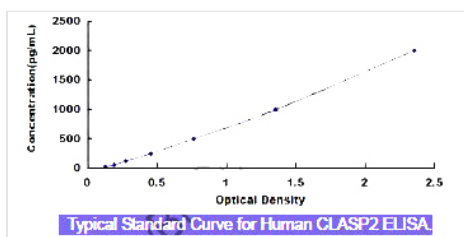
PRODUCT SYNONYMS

CLIP-associating protein 2 (CLASP2); Human CLIP-associating protein 2 (CLASP2) ELISA Kit; CLASP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLASP2. No significant cross-reactivity or interference between CLASP2 and analogues was observed.
Sequence Length	1,515
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	11.45pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CLASP2 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 CLASP2 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 CLASP2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CLASP2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CLASP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CLASP2. 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 CLASP2, 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 CLASP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333440451
NCBI GeneID	23122
NCBI Accession #	NP_001193973.1
NCBI GenBank Nucleotide #	NM_001207044.1
UniProt Accession #	O75122; Q7L8F6; Q8N6R6; Q9BQT3; Q9BQT4; Q9H7A3; Q9NSZ2; B2RTR1; F5H604
Molecular Weight	165,924 Da
NCBI Official Full Name	CLIP-associating protein 2 isoform 2
NCBI Official Synonym Full Names	cytoplasmic linker associated protein 2
NCBI Official Symbol	CLASP2
NCBI Protein Information	CLIP-associating protein 2
UniProt Protein Name	CLIP-associating protein 2
UniProt Gene Name	CLASP2
UniProt Synonym Gene Names	KIAA0627; hOrbit2

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/human-elisa-kits/clip-associating-protein-2-clasp2/68135>