

Human Complexin 2 (CPLX2) ELISA Kit | CPLX2 elisa kit

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CATALOG #
AAA63798

REACTIVITY
Human

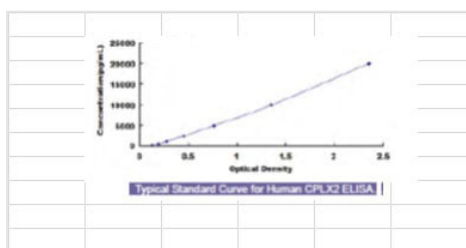
PRODUCT SYNONYMS

Complexin 2 (CPLX2); Human Complexin 2 (CPLX2) ELISA Kit; 921-L; CPX-2; CPX2; Synaphin-1; CPLX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CPLX2. No significant cross-reactivity or interference between CPLX2 and analogues was observed.
Sequence Length	134
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.084ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CPLX2 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 CPLX2 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 CPLX2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CPLX2 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CPLX2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CPLX2. 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 CPLX2, 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 CPLX2 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 #	56550065
NCBI GeneID	10814
NCBI Accession #	NP_001008221.1
NCBI GenBank Nucleotide #	NM_001008220.1
UniProt Accession #	Q6PUV4; O09056; Q13329; Q28184; Q52M15; Q64386; B2RAG2
Molecular Weight	15,394 Da
NCBI Official Full Name	complexin-2
NCBI Official Synonym Full Names	complexin 2
NCBI Official Symbol	CPLX2
NCBI Official Synonym Symbols	CPX2; Hfb1; 921-L; CPX-2
NCBI Protein Information	complexin-2
UniProt Protein Name	Complexin-2
UniProt Gene Name	CPLX2
UniProt Synonym Gene Names	CPX II

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.