

Human Coiled Coil And C2 Domain Containing Protein 1A (CC2D1A) ELISA Kit | CC2D1A elisa kit

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CATALOG # AAA66757	REACTIVITY Human
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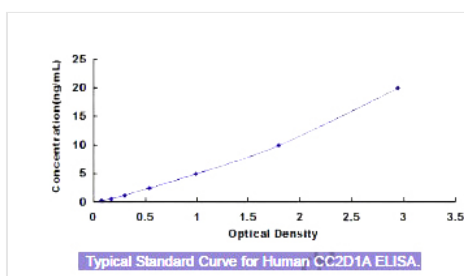
PRODUCT SYNONYMS

Coiled Coil And C2 Domain Containing Protein 1A (CC2D1A); Human Coiled Coil And C2 Domain Containing Protein 1A (CC2D1A) ELISA Kit; CC2D1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CC2D1A. No significant cross-reactivity or interference between CC2D1A and analogues was observed.
Sequence Length	951
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.128ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CC2D1A 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 CC2D1A 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 CC2D1A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CC2D1A in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CC2D1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CC2D1A. 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 CC2D1A, 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 CC2D1A 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 #	96974985
NCBI GeneID	54862
NCBI Accession #	NP_060191.3
NCBI GenBank Nucleotide #	NM_017721.4
UniProt Accession #	Q6P1N0; Q7Z435; Q86XV0; Q8NF89; Q9H603; Q9NXI1
Molecular Weight	103,934 Da
NCBI Official Full Name	coiled-coil and C2 domain-containing protein 1A
NCBI Official Synonym Full Names	coiled-coil and C2 domain containing 1A
NCBI Official Symbol	CC2D1A
NCBI Official Synonym Symbols	MRT3; FREUD-1; Freud-1/Aki1
NCBI Protein Information	coiled-coil and C2 domain-containing protein 1A
UniProt Protein Name	Coiled-coil and C2 domain-containing protein 1A
UniProt Gene Name	CC2D1A
UniProt Synonym Gene Names	AKI1; FRE under dual repression-binding protein 1; Freud-1

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.