

Human Collagen and calcium-binding EGF domain-containing protein 1 (CCBE1) ELISA Kit | CCBE1 elisa kit

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CATALOG # AAA68202	REACTIVITY Human
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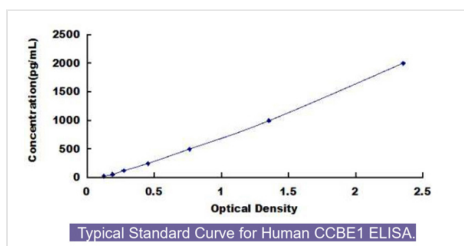
PRODUCT SYNONYMS

Collagen and calcium-binding EGF domain-containing protein 1 (CCBE1); Human Collagen and calcium-binding EGF domain-containing protein 1 (CCBE1) ELISA Kit; CCBE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCBE1. No significant cross-reactivity or interference between CCBE1 and analogues was observed.
Sequence Length	215
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	31.2-2000pg/mL
Sensitivity	< 11.73pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCBE1 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 CCBE1 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 CCBE1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCBE1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCBE1. 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 CCBE1, 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 CCBE1 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 CCBE1 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	39930511
NCBI GeneID	147372
NCBI Accession #	NP_597716.1
NCBI GenBank Nucleotide #	NM_133459.3
UniProt Accession #	Q6UXH8; Q6MZX5; Q86SS2; Q8TF19
Molecular Weight	22,600 Da
NCBI Official Full Name	collagen and calcium-binding EGF domain-containing protein 1
NCBI Official Synonym Full Names	collagen and calcium binding EGF domains 1
NCBI Official Symbol	CCBE1
NCBI Official Synonym Symbols	HKLLS1
NCBI Protein Information	collagen and calcium-binding EGF domain-containing protein 1
UniProt Protein Name	Collagen and calcium-binding EGF domain-containing protein 1
UniProt Gene Name	CCBE1
UniProt Synonym Gene Names	KIAA1983

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/collagen-and-calcium-binding-egf-domain-containing-protein-1-ccbe1/68202>