

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

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CATALOG #
AAA246374

REACTIVITY
Rat

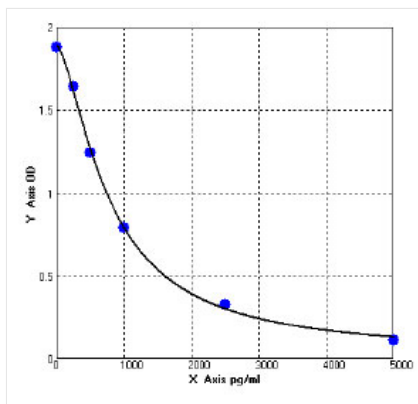
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCBE1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCBE1 elisa kit	Intended Uses: This CCBE1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CCBE1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCBE1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCBE1 antibody and an CCBE1-HRP conjugate. The assay sample and buffer are incubated together with CCBE1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCBE1 concentration since CCBE1 from samples and CCBE1-HRP conjugate compete for the anti-CCBE1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCBE1 from the sample, fewer sites are left to bind CCBE1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCBE1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCBE1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	39930511
NCBI GeneID	147372
NCBI Accession #	NP_597716.1
NCBI GenBank Nucleotide #	NM_133459.3
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 Protein Information	collagen and calcium-binding EGF domain-containing protein 1; full of fluid protein homolog
UniProt Protein Name	Collagen and calcium-binding EGF domain-containing protein 1
UniProt Gene Name	CCBE1
UniProt Synonym Gene Names	KIAA1983; UNQ1921/PRO4395
UniProt Entry Name	CCBE1_HUMAN

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.