

Human Cerebellin 1 ELISA Kit | Cbln1 elisa kit

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CATALOG #
AAA95947

REACTIVITY
Human

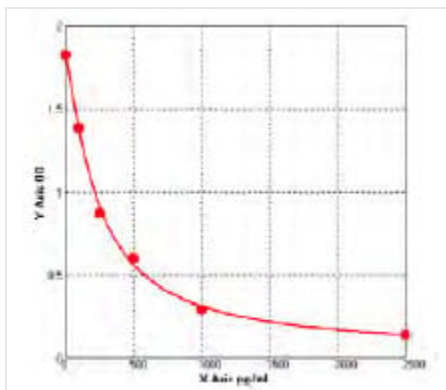
PRODUCT SYNONYMS

Cerebellin 1; Human Cerebellin 1 ELISA Kit; Cbln1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CBLN1. No significant cross-reactivity or interference between CBLN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CBLN1 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 Cbln1 elisa kit	Intended Uses: This CBLN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CBLN1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CBLN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CBLN1 antibody and an CBLN1-HRP conjugate. The assay sample and buffer are incubated together with CBLN1-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 CBLN1 concentration since CBLN1 from samples and CBLN1-HRP conjugate compete for the anti-CBLN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CBLN1 from the sample, fewer sites are left to bind CBLN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CBLN1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Cbln1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757922
NCBI GeneID	869
NCBI Accession #	NP_004343.1
NCBI GenBank Nucleotide #	NM_004352.3
Molecular Weight	21,097 Da
NCBI Official Full Name	cerebellin-1
NCBI Official Synonym Full Names	cerebellin 1 precursor
NCBI Official Symbol	CBLN1
NCBI Protein Information	cerebellin-1; precerebellin
UniProt Protein Name	Cerebellin-1
UniProt Gene Name	CBLN1
UniProt Synonym Gene Names	CER
UniProt Entry Name	CBLN1_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.