

Rat Cerebellin 1 ELISA Kit | Cbln1 elisa kit

Rat Cerebellin 1 ELISA Kit

CATALOG #
AAA96063

REACTIVITY
Rat

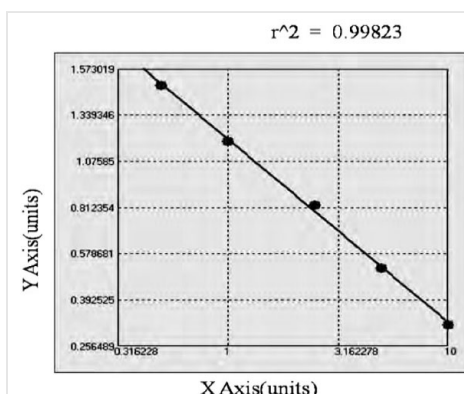
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/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

Principle of the assay: Cbln1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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Online datasheet: <https://stage.aaabiotech.com/cbln1-rat-elisa-kits/cerebellin-1/96063>