

Human Calsyntenin 2 ELISA Kit | CLSTN2 elisa kit

Human Calsyntenin 2 ELISA Kit PicoKine

CATALOG # AAA126739	REACTIVITY Human	APPLICATIONS ELISA
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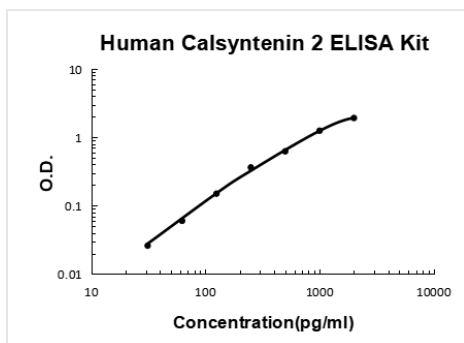
PRODUCT SYNONYMS

Calsyntenin 2; Human Calsyntenin 2 ELISA Kit PicoKine; CLSTN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CLSTN2
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CLSTN2 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human Calsyntenin 2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CLSTN2 elisa kit	Background: Predicted to enable calcium ion binding activity. Predicted to be involved in positive regulation of synapse assembly and positive regulation of synaptic transmission. Predicted to be located in postsynaptic density. Predicted to be active in cell surface; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane. Principle of the Assay: The Picokine™ Human CLSTN2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CLSTN2 with a 96-well strip plate that is pre-coated with antibody specific for CLSTN2. The detection antibody is a biotinylated antibody specific for CLSTN2. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CLSTN2 protein as standards. To measure Human CLSTN2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CLSTN2 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CLSTN2 in the sample.
Product Categories/Family for CLSTN2 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	209364544
NCBI GeneID	64084
NCBI Accession #	NP_071414.2
NCBI GenBank Nucleotide #	NM_022131.2
UniProt Accession #	Q9H4D0; Q3SX54; Q3ZB76; Q5UE56; Q96HZ2; Q9BSS0; B2RCW5; D3DNF4
Molecular Weight	107,006 Da
NCBI Official Full Name	calsyntenin-2
NCBI Official Synonym Full Names	calsyntenin 2
NCBI Official Symbol	CLSTN2
NCBI Official Synonym Symbols	CS2; CSTN2; CDHR13; ALC-GAMMA; alcagamma
NCBI Protein Information	calsyntenin-2
UniProt Protein Name	Calsyntenin-2
UniProt Gene Name	CLSTN2
UniProt Synonym Gene Names	CS2; Alc-gamma

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/clstn2-human-elisa-kits/calsyntenin-2/126739>