

Human Calsyntenin 1 (CLSTN1) ELISA Kit | CLSTN1 elisa kit

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CATALOG #
AAA245893

REACTIVITY
Human

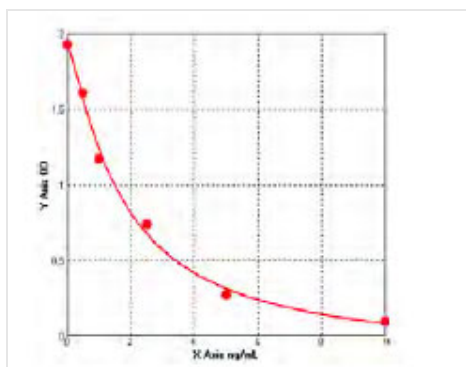
PRODUCT SYNONYMS

Calsyntenin 1 (CLSTN1); Human Calsyntenin 1 (CLSTN1) ELISA Kit; CLSTN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 CLSTN1 elisa kit

Intended Uses: This CLPTM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of CanineCLPTM1. This ELISA kit for research use only!

Principle of the Assay: CLPTM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLPTM1 antibody and an CLPTM1-HRP conjugate. The assay sample and buffer are incubated together with CLPTM1-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 CLPTM1 concentration since CLPTM1 from samples and CLPTM1-HRP conjugate compete for the anti-CLPTM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLPTM1 from the sample, fewer sites are left to bind CLPTM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLPTM1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLSTN1 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21706696
NCBI GeneID	22883
Molecular Weight	108,643 Da
NCBI Official Full Name	Calsyntenin 1
NCBI Official Synonym Full Names	calsyntenin 1
NCBI Official Symbol	CLSTN1
NCBI Official Synonym Symbols	CSTN1; CDHR12; PIK3CD; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2
NCBI Protein Information	calsyntenin-1; alcadein-alpha; alcadein alpha 1; non-classical cadherin XB31alpha; cadherin-related family member 12; non-classical cadherin XB31alpha1; alzheimer-related cadherin-like protein
UniProt Protein Name	Calsyntenin-1
UniProt Gene Name	CLSTN1
UniProt Synonym Gene Names	CS1; KIAA0911; Alc-alpha; SAlc-alpha
UniProt Entry Name	CSTN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/calsyntenin-1-clstn1/245893>