

Human CAS1 domain containing protein 1 (CASD1) ELISA Kit | CASD1 elisa kit

Human CAS1 domain containing protein 1 (CASD1) ELISA Kit

CATALOG #
AAA246947

REACTIVITY
Human

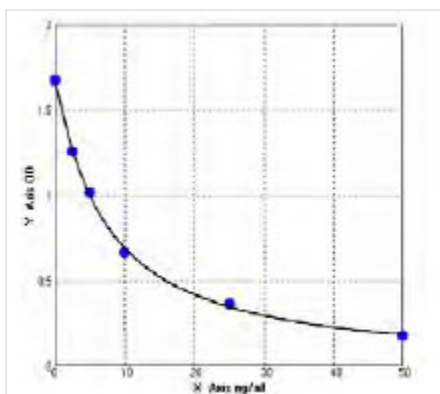
PRODUCT SYNONYMS

CAS1 domain containing protein 1 (CASD1); Human CAS1 domain containing protein 1 (CASD1) ELISA Kit; CASD1 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 CASD1 elisa kit

Intended Uses: This CASD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CASD1. This ELISA kit for research use only!

Principle of the Assay: CASD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CASD1 antibody and an CASD1-HRP conjugate. The assay sample and buffer are incubated together with CASD1-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 CASD1 concentration since CASD1 from samples and CASD1-HRP conjugate compete for the anti-CASD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASD1 from the sample, fewer sites are left to bind CASD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASD1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170784865
NCBI GeneID	64921
NCBI Accession #	NP_075051.4
NCBI GenBank Nucleotide #	NM_022900.4
Molecular Weight	91,680 Da
NCBI Official Full Name	CAS1 domain-containing protein 1
NCBI Official Synonym Full Names	CAS1 domain containing 1
NCBI Official Symbol	CASD1
NCBI Official Synonym Symbols	C7orf12; NBLA04196
NCBI Protein Information	CAS1 domain-containing protein 1; WUGSC:H_GS542D18.2; O-acetyltransferase
UniProt Protein Name	CAS1 domain-containing protein 1
UniProt Gene Name	CASD1
UniProt Synonym Gene Names	C7orf12; Nbla04196
UniProt Entry Name	CASD1_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://www.aaabiotech.com/human-elisa-kits/cas1-domain-containing-protein-1-casd1/246947>