

Rabbit Codanin-1 (CDAN1) ELISA Kit | CDAN1 elisa kit

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CATALOG #
AAA244791

REACTIVITY
Rabbit

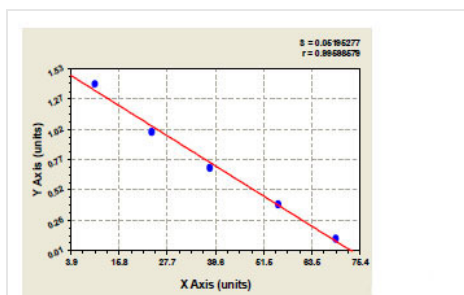
PRODUCT SYNONYMS

Codanin-1 (CDAN1); Rabbit Codanin-1 (CDAN1) ELISA Kit; CDAN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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 CDAN1 elisa kit

Intended Uses: This CDAN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CDAN1. This ELISA kit for research use only!

Principle of the Assay: CDAN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CDAN1 antibody and an CDAN1-HRP conjugate. The assay sample and buffer are incubated together with CDAN1-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 CDAN1 concentration since CDAN1 from samples and CDAN1-HRP conjugate compete for the anti-CDAN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDAN1 from the sample, fewer sites are left to bind CDAN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDAN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CDAN1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	57222570
NCBI GeneID	146059
NCBI Accession #	NP_612486.2
NCBI GenBank Nucleotide #	NM_138477.2
Molecular Weight	– Da
NCBI Official Full Name	codanin-1
NCBI Official Synonym Full Names	codanin 1
NCBI Official Symbol	CDAN1
NCBI Official Synonym Symbols	DLT; CDA1; CDAI; CDAN1A; PRO1295
NCBI Protein Information	codanin-1; discs lost homolog; congenital dyserythropoietic anemia, type I
UniProt Protein Name	Codanin-1
UniProt Gene Name	CDAN1
UniProt Synonym Gene Names	UNQ664/PRO1295
UniProt Entry Name	CDAN1_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://www.aaabiotech.com/rabbit-elisa-kits/codanin-1-cdan1/244791>