

Human Contactin 1 (CNTN1) ELISA Kit | CNTN1 elisa kit

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CATALOG #
AAA41274

REACTIVITY
Human

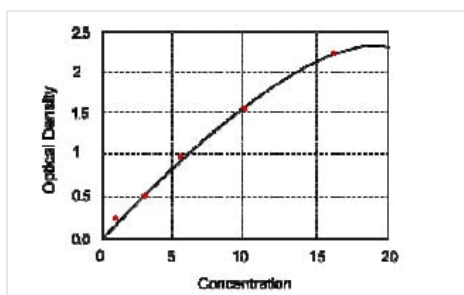
PRODUCT SYNONYMS

Contactin 1 (CNTN1); Human Contactin 1 (CNTN1) ELISA Kit; CNTN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	627
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-30ng/ml
Sensitivity	0.026ng/ml
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Contactin 1 (also known as CNTN1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CNTN1 antibody. CNTN1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CNTN1 Antibody is added and binds to CNTN1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CNTN1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CNTN1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	366039951
NCBI GeneID	1272
NCBI Accession #	NP_001242993.1
NCBI GenBank Nucleotide #	NM_001256064.1
UniProt Accession #	Q12860; Q12861; Q14030; Q7M4P0; Q8N466; A8K0H9; A8K0Y3
Molecular Weight	111,867 Da
NCBI Official Full Name	contactin-1 isoform 3
NCBI Official Synonym Full Names	contactin 1
NCBI Official Symbol	CNTN1
NCBI Official Synonym Symbols	F3; GP135; MYPCN
NCBI Protein Information	contactin-1
UniProt Protein Name	Contactin-1
UniProt Gene Name	CNTN1

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/human-elisa-kits/contactin-1-cntn1/41274>