

Human Contactin 3 ELISA Kit | CNTN3 elisa kit

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CATALOG #
AAA85693

REACTIVITY
Human

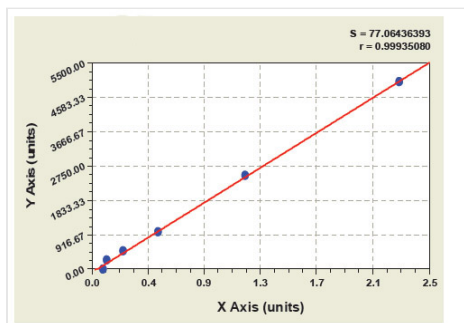
PRODUCT SYNONYMS

Contactin 3; Human Contactin 3 ELISA Kit; CNTN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CNTN3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CNTN3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN3 elisa kit

Principle of the Assay: CNTN3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CNTN3. Standards or samples are then added to the microtiter plate wells and CNTN3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CNTN3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CNTN3 are added to each well to "sandwich" the CNTN3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CNTN3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNTN3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709184
NCBI GeneID	5067
NCBI Accession #	NP_065923.1
NCBI GenBank Nucleotide #	NM_020872.1
Molecular Weight	112,883 Da
NCBI Official Full Name	contactin-3
NCBI Official Synonym Full Names	contactin 3 (plasmacytoma associated)
NCBI Official Symbol	CNTN3
NCBI Official Synonym Symbols	PCS; PANG; BIG-1
NCBI Protein Information	contactin-3; plasmacytoma-associated neuronal glycoprotein; brain-derived immunoglobulin superfamily protein 1
UniProt Protein Name	Contactin-3
UniProt Gene Name	CNTN3
UniProt Synonym Gene Names	KIAA1496; PANG; BIG-1
UniProt Entry Name	CNTN3_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/cntn3-human-elisa-kits/contactin-3/85693>