

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

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CATALOG #
AAA64760

REACTIVITY
Mouse

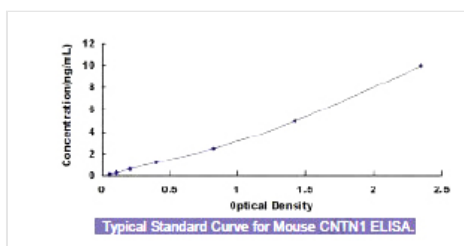
PRODUCT SYNONYMS

Contactin 1 (CNTN1); Mouse Contactin 1 (CNTN1) ELISA Kit; F3; Glycoprotein gP135; Neural cell surface protein F3; CNTN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CNTN1. No significant cross-reactivity or interference between CNTN1 and analogues was observed.
Sequence Length	1020
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.047ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CNTN1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CNTN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CNTN1 in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CNTN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CNTN1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CNTN1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CNTN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	227497224
NCBI GeneID	12805
NCBI Accession #	NP_001153119.1
NCBI GenBank Nucleotide #	NM_001159647.1
UniProt Accession #	P12960; Q6NXV7; Q8BR42; Q8C6A0
Molecular Weight	113,388 Da
NCBI Official Full Name	contactin-1
NCBI Official Synonym Full Names	contactin 1
NCBI Official Symbol	Cntn1
NCBI Official Synonym Symbols	usl; CNTN; F3cam; AW495098
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.