

Sheep Netrin-1 ELISA Kit | Ntn1 elisa kit

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CATALOG #
AAA91263

REACTIVITY
Sheep

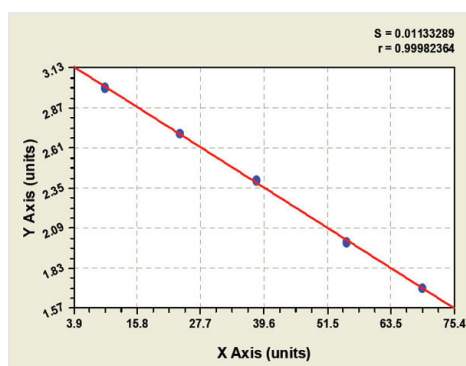
PRODUCT SYNONYMS

Netrin-1; Sheep Netrin-1 ELISA Kit; Ntn1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL
Intended Uses	This NTn1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep NTn1. 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 Ntn1 elisa kit

Principle of the Assay: NTn1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NTn1 antibody and an NTn1-HRP conjugate. The assay sample and buffer are incubated together with NTn1-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 NTn1 concentration since NTn1 from samples and NTn1-HRP conjugate compete for the anti-NTn1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NTn1 from the sample, fewer sites are left to bind NTn1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NTn1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Ntn1 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	148613884
NCBI GeneID	9423
NCBI Accession #	NP_004813.2
NCBI GenBank Nucleotide #	NM_004822.2
Molecular Weight	67,748 Da
NCBI Official Full Name	netrin-1
NCBI Official Synonym Full Names	netrin 1
NCBI Official Symbol	NTN1
NCBI Official Synonym Symbols	NTN1L
NCBI Protein Information	netrin-1; netrin 1, mouse, homolog of; epididymis tissue protein Li 131P
UniProt Protein Name	Netrin-1
UniProt Gene Name	NTN1
UniProt Synonym Gene Names	NTN1L
UniProt Entry Name	NET1_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://stage.aaabiotech.com/ntn1-sheep-elisa-kits/netrin-1/91263>