

Sheep Tenascin ELISA Kit | TN elisa kit

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CATALOG #
AAA94514

REACTIVITY
Sheep

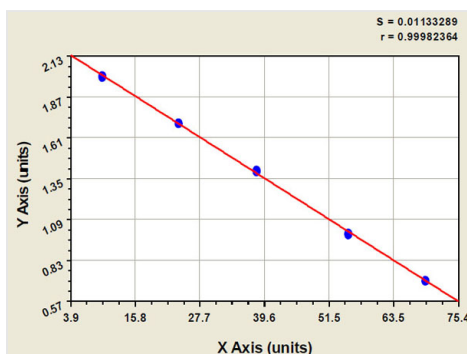
PRODUCT SYNONYMS

Tenascin; Sheep Tenascin ELISA Kit; TN elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for TN elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	292826
NCBI GeneID	3371
Molecular Weight	171,360 Da
NCBI Official Full Name	tenascin, partial
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	TNC
NCBI Official Synonym Symbols	GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225
NCBI Protein Information	tenascin; GP 150-225; cytotactin; neuronectin; myotendinous antigen; hexabrachion (tenascin); tenascin-C isoform 14/AD1/16; tenascin-C additional domain 1; deafness, autosomal dominant 56; glioma-associated-extracellular matrix antigen
UniProt Protein Name	Tenascin
UniProt Gene Name	TNC
UniProt Synonym Gene Names	HXB; TN; TN-C
UniProt Entry Name	TENA_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/tn-sheep-elisa-kits/tenascin/94514>