

Sheep Tenascin X ELISA Kit | TNX elisa kit

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CATALOG #
AAA91160

REACTIVITY
Sheep

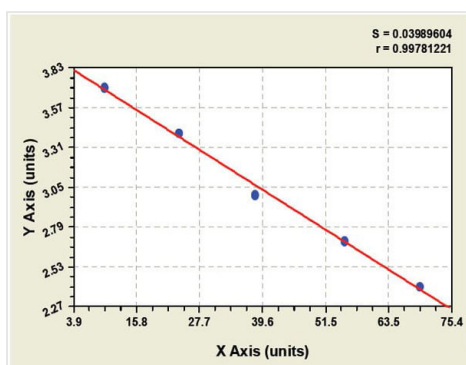
PRODUCT SYNONYMS

Tenascin X; Sheep Tenascin X ELISA Kit; TNX 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.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNX elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This TNX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TNX. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	20665034
NCBI GeneID	7148
NCBI Accession #	NP_115859.2
NCBI GenBank Nucleotide #	NM_032470.3
Molecular Weight	458,220 Da
NCBI Official Full Name	tenascin-X isoform 2
NCBI Official Synonym Full Names	tenascin XB
NCBI Official Symbol	TNXB
NCBI Official Synonym Symbols	XB; TNX; XBS; EDS3; HXBL; TENX; TN-X; VUR8; TNXB1; TNXB2; TNXBS
NCBI Protein Information	tenascin-X; tenascin XB1; tenascin XB2; hexabrachion-like protein; growth-inhibiting protein 45
UniProt Protein Name	Tenascin-X
UniProt Gene Name	TNXB
UniProt Synonym Gene Names	HXBL; TNX; TNXB1; TNXB2; XB; TN-X
UniProt Entry Name	TENX_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.