

Human Tenascin-X (TNXB) ELISA Kit | TNXB elisa kit

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CATALOG # AAA56056	REACTIVITY Human
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PRODUCT SYNONYMS

Tenascin-X (TNXB); Human Tenascin-X (TNXB) ELISA Kit; DAAP-19306.1; HXBL; TENX; TNX; TNXB1; TNXB2; TNXBS; XB; XBS; growth-inhibiting protein 45; hexabrachion-like; tenascin XB1; tenascin XB2; tenascin-X; TNXB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNXB. No significant cross-reactivity or interference between Human TNXB and analogues was observed.
Sequence Length	4242
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	6.25 ng/mL - 400 ng/mL
Sensitivity	3.12 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TNXB elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TNXB in Human serum, plasma. An antibody specific for TNXB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNXB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNXB is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNXB bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Tenascin-X (TNXB) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188528648
NCBI GeneID	7148
NCBI Accession #	NP_061978.6
NCBI GenBank Nucleotide #	NM_019105.6

UniProt Accession #	P22105; P78530; P78531; Q08424; Q08AM0; Q08AM1; Q59GU7; Q5SQD3; Q5ST74; Q7L8Q4; Q8N4R1; Q9NPK9
Molecular Weight	458,535 Da
NCBI Official Full Name	tenascin-X isoform 1
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; EDSCLL
NCBI Protein Information	tenascin-X
UniProt Protein Name	Tenascin-X
UniProt Gene Name	TNXB
UniProt Synonym Gene Names	HXBL; TNX; TNXB1; TNXB2; XB; TN-X

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/human-elisa-kits/tenascin-x-tnxb/56056>