

Human Tetranectin ELISA Kit | CLEC3B elisa kit

Human Tetranectin ELISA Kit

CATALOG # AAA17875	REACTIVITY Human	APPLICATIONS ELISA
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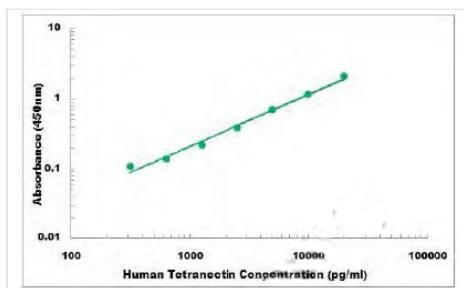
PRODUCT SYNONYMS

Tetranectin; Human Tetranectin ELISA Kit; TNA; TN; C-type lectin domain family 3 member B; Plasminogen kringle 4-binding protein; CLEC3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Tetranectin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Tetranectin proteins within the range of 312 pg/ml - 20000 pg/ml.
Sequence Length	202
Samples	Cell Culture Supernatants, Serum, Tissue Homogenates
Assay Type	Quantitative Sandwich
Sensitivity	<10 pg/ml
Applicable Applications for CLEC3B elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC3B elisa kit	Principle of the Assay: The Human Tetranectin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Tetranectin in Cell Culture Supernatants, Serum, Tissue Homogenates. This assay employs an antibody specific for Human Tetranectin coated on a 96-well plate. Standards and samples are pipetted into the wells and Tetranectin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Tetranectin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Tetranectin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.!!Background/Introduction: Tetranectin, also called TNA, is a protein that in humans is encoded by the CLEC3B gene. It is mapped to 3p21.31. Tetranectin, a tetrameric protein isolated from human plasma, has 4 identical and noncovalently bound polypeptide chains, each of 181 amino acid residues. It has a specific binding affinity for sulfated polysaccharides and the kringle 4 of plasminogen. The plasma concentration of tetranectin is reduced in patients with various malignancies. Tetranectin is a plasminogen-binding protein that is induced during the mineralization phase of osteogenesis. Thus, tetranectin is a candidate gene for human disorders affecting bone and connective tissue.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156627579
NCBI GeneID	7123
NCBI Accession #	NP_003269.2
NCBI GenBank Nucleotide #	NM_003278.2
UniProt Accession #	P05452; Q6FGX6
Molecular Weight	22,537 Da
NCBI Official Full Name	tetranectin
NCBI Official Synonym Full Names	C-type lectin domain family 3, member B
NCBI Official Symbol	CLEC3B
NCBI Official Synonym Symbols	TN; TNA
NCBI Protein Information	tetranectin; plasminogen kringle 4-binding protein; tetranectin (plasminogen binding protein); tetranectin (plasminogen-binding protein)
UniProt Protein Name	Tetranectin
UniProt Gene Name	CLEC3B
UniProt Synonym Gene Names	TNA; TN
UniProt Entry Name	TETN_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.