

Human Tetranectin/CLEC3B ELISA Kit | CLEC3B elisa kit

Human Tetranectin/CLEC3B PicoKine ELISA Kit

CATALOG #
AAA45994

REACTIVITY
Human

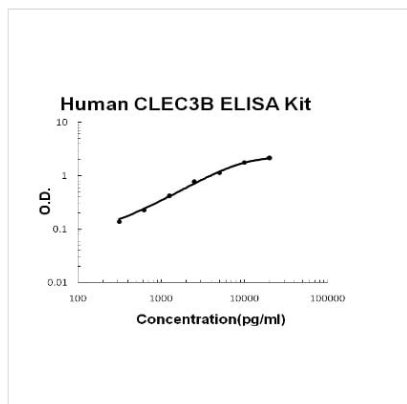
PRODUCT SYNONYMS

Tetranectin/CLEC3B; Human Tetranectin/CLEC3B PicoKine ELISA Kit; Tetranectin; C-type lectin domain family 3; member B; C type lectin domain family 3 member B; C-type lectin domain family 3 member B; Clec3b; Plasminogen kringle 4 binding protein; Plasminogen kringle 4-binding protein; TETN_HUMAN; Tetranectin (plasminogen binding protein); TN; TNA; CLEC3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Tetranectin
Sequence Length	202
Samples	Cell culture supernates, serum and tissue Homogenates
Assay Type	Sandwich
Detection Range	312pg/ml-20,000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Tetranectin/CLEC3B PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CLEC3B elisa kit	Principle of the assay: human Tetranectin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Tetranectin has been precoated onto 96-well plates. Standards(NSO, E22-V202) and test samples are added to the wells; a biotinylated detection polyclonal antibody from goat specific for Tetranectin is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human Tetranectin amount of sample captured in plate. Background: 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 #	317373499
NCBI GeneID	7123
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.