

Human Tetranectin/CLEC3B ELISA Kit | CLEC3B elisa kit

Human Tetranectin/CLEC3B PicoKine Quick ELISA Kit

CATALOG # AAA126831	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

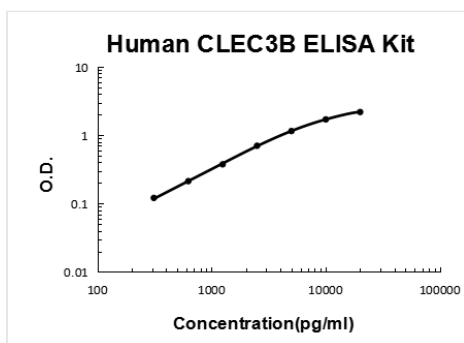
PRODUCT SYNONYMS

Tetranectin/CLEC3B; Human Tetranectin/CLEC3B PicoKine Quick ELISA Kit; CLEC3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CLEC3B
Assay Type	Sandwich
Samples	Cell culture supernatants and serum
Detection Range	312 pg/ml - 20,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CLEC3B elisa kit	ELISA
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 across 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 (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CLEC3B PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CLEC3B elisa kit	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. Principle of the Assay: The Quick Picokine™ Human CLEC3B Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CLEC3B in cell culture supernatants and serum. It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CLEC3B protein as standards. To measure Human CLEC3B, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Human CLEC3B in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CLEC3B in the sample.
Product Categories/Family for CLEC3B elisa kit	PicoKine ELISA Kits , Fast ELISA Kits

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tetranectin-clec3b/126831>