

## Datasheet for KOA0738

**Human Tetranectin - CLEC3B ELISA Kit****Overview**

<b>Description:</b>	Human Tetranectin/CLEC3B AccuSignal ELISA Kit - KOA0738
<b>Item No.:</b>	KOA0738
<b>Size:</b>	1 Kit
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Human
<b>Range:</b>	312 pg/ml - 20,000 pg/ml

**Product Details**

<b>Background:</b>	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.
<b>Synonyms:</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), Tetranectin, TN, TNA
<b>Detection Kit Type:</b>	ELISA Kit
<b>Detection Range:</b>	312 pg/ml - 20,000 pg/ml
<b>Sensitivity:</b>	<10 pg/ml

**Target Details**

<b>Gene Name:</b>	CLEC3B
<b>Reactivity:</b>	Human
<b>Immunogen:</b>	Expression system for standard: NSO; Immunogen sequence: E22-V202

**Purity/Specificity:** Natural and recombinant human Tetranectin . There is no detectable cross-reactivity with other relevant proteins.

**Relevant Links:**

- [UniProtKB - P05452](#)
- [NCBI - NP\\_003269.2](#)
- [GeneID - 7123](#)
- [KOA0738 Protocol](#)

## Application Details

**Tested Applications:** ELISA

**Application Note:** Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 20,000pg/ml, 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml human Tetranectin standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or tissue Homogenates to each empty well. We recommend that each human Tetranectin standard solution and each sample is measured in duplicate.

**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

**Other:** DOE:  
2-8° C - 04/26/2022  
-20° C - 10/25/2022

## Formulation

**Concentration:** 1 Kit

## Shipping & Handling

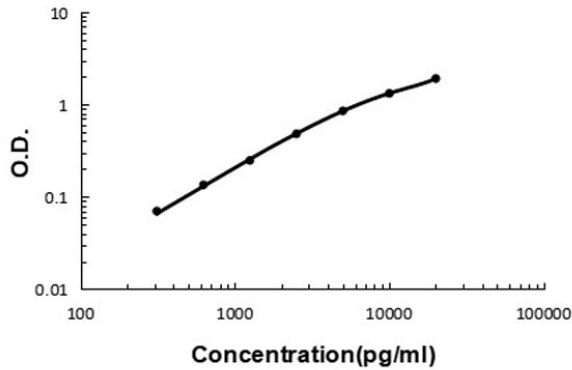
**Shipping Condition:** Wet Ice

**Storage Condition:** Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

**Expiration:** See kit insert for complete instructions.

## Images

### Human CLEC3B ELISA Kit



### ELISA

Human Tetranectin/CLEC3B ELISA Kit standard curve.

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.