

Datasheet for ABIN6719782 **LGALS3BP ELISA Kit**



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Overview

Quantity:	1 kit
Target:	LGALS3BP
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: 90K, 90K MAC 2 BP, Basement membrane autoantigen p105, BTBD17B, Galectin 3 binding protein, Galectin-3-binding protein, L3 antigen, Lectin galactoside binding soluble 3 binding protein, Lectin galactoside-binding soluble 3-binding protein, LG3BP_HUMAN, LGALS3BP, M2BP, Mac 2 binding protein, Mac 2 BP, Mac-2 BP, Mac-2-binding protein, Mac2 BP, MAC2BP, Serum protein 90K, TANGO10B, Transport and golgi organization 10 homolog B, Tumor associated antigen 90K, Tumor-associated antigen 90K</p> <p>Background: Galectin-3-binding protein is a protein that in humans is encoded by the LGALS3BP gene. The galectins are a family of beta-galactoside-binding proteins implicated in</p>

Product Details

modulating cell-cell and cell-matrix interactions. Using fluorescence in-situ hybridization, the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds to galectin 1.

Gene Name: LGALS3BP

Production: Natural and recombinant human Galectin-3BP. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: V19-D585

Target Details

Target:	LGALS3BP
Alternative Name:	Galectin-3BP (LGALS3BP Products)
Gene ID:	3959
NCBI Accession:	NP_005558
UniProt:	Q08380

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human Galectin-3BP standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma (heparin) to each empty well. It is recommended that each human Galectin-3BP standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage: RT, 4 °C, -20 °C

Handling

Storage Comment: 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.