

Human Galectin-3BP PicoKine ELISA Kit | LGALS3BP elisa kit

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CATALOG #
AAA46147

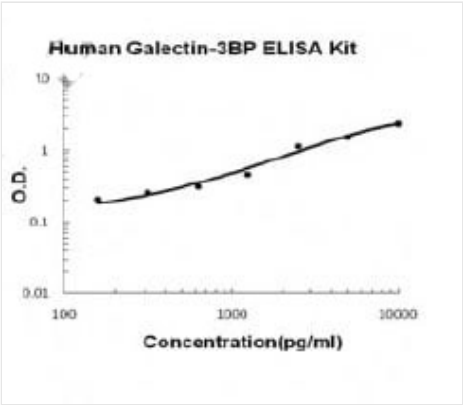
REACTIVITY
Human

PRODUCT SYNONYMS

Galectin-3BP PicoKine; Human Galectin-3BP PicoKine ELISA Kit; Galectin-3-binding protein; 90K; 90K MAC 2 BP; Basement membrane autoantigen p105; BTBD17B; 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 ; lectin; galactoside-binding; soluble; 3 binding protein; LGALS3BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human Galectin-3BP
Sequence Length	585
Assay Range	62.5pg/ml-4000pg/ml
Sensitivity	<10pg/ml
Sample	For quantitative detection of human Galectin-3BP in cell culture supernates, serum and plasma(heparin).
Immunogen	NSO, V19-D585
Assay Procedure Step 1	Aliquot 0.1ml 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 0.1ml 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 plasma(heparin) to each empty well. It is recommended that each human Galectin-3BP standard solution and each sample be measured in duplicate.
Intra-Assay Precision	Inter-Assay Precision Sample 1 2 3 1 2 3 n 16 16 16 24 24 24 Mean(pg/ml) 477 1541 2626 527 1712 3015 Standard deviation 27.7 92.46 128.7 32.15 114.7 168.84 CV(%) 5.8 6 4.9 6.1 6.7 5.6
Sample Data	Concentration(pg/ml) 0 62.5 125 250 500 1000 2000 4000 O.D. 0.056 0.112 0.169 0.276 0.459 0.845 1.484 2.081
Anticoagulant	Heparin
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS3BP elisa kit	Principle of the assay: Human Galectin-3BP ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Galectin-3BP has been precoated onto 96-well plates. Standards(NSO,V19-D585) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Galectin-3BP 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 Galectin-3BP amount of sample captured in plate. 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 modulating cellcell and cellmatrix interactions. Using fluorescence insitu 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031863
NCBI GeneID	3959
NCBI Accession #	NP_005558.1
NCBI GenBank Nucleotide #	NM_005567.3
UniProt Accession #	Q08380; Q7M4S0; Q9UCH8; Q9UCH9; Q9UCI0
Molecular Weight	65,331 Da
NCBI Official Full Name	galectin-3-binding protein
NCBI Official Synonym Full Names	galectin 3 binding protein
NCBI Official Symbol	LGALS3BP
NCBI Official Synonym Symbols	90K; M2BP; gp90; CyCAP; BTBD17B; MAC-2-BP; TANGO10B
NCBI Protein Information	galectin-3-binding protein
UniProt Protein Name	Galectin-3-binding protein
UniProt Gene Name	LGALS3BP
UniProt Synonym Gene Names	M2BP; MAC2BP; Mac-2 BP
UniProt Entry Name	LG3BP_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/galectin-3bp-picokine/46147>