

Human lectin, galactoside-binding, soluble, 3 binding protein ELISA Kit | LGALS3BP elisa kit

Human Galectin-3-binding protein, LGALS3BP ELISA Kit

CATALOG #
AAA113022

REACTIVITY
Human

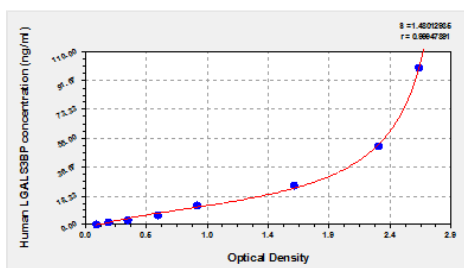
PRODUCT SYNONYMS

lectin; galactoside-binding; soluble; 3 binding protein; Human Galectin-3-binding protein; LGALS3BP ELISA Kit; Human Galectin-3-binding protein (LGALS3BP) ELISA kit; 90K; BTBD17B; MAC-2-BP; L3 antigen; Mac-2-binding protein; galectin 3 binding protein; serum protein 90K; LGALS3BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LGALS3BP. No significant cross-reactivity or interference between Human LGALS3BP and analogues was observed.
Sequence Length	585
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS3BP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LGALS3BP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LGALS3BP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LGALS3BP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LGALS3BP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	lectin, galactoside-binding, soluble, 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; MAC2BP; mac-2 BP; L3 antigen; serum protein 90K; Mac-2-binding protein; tumor-associated antigen 90K; basement membrane autoantigen p105; transport and golgi organization 10 homolog B; lectin galactoside-binding soluble 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.