

Human Galectin-3-Binding Protein (LGALS3BP) ELISA Kit | LGALS3BP elisa kit

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CATALOG #
AAA331941

REACTIVITY
Human

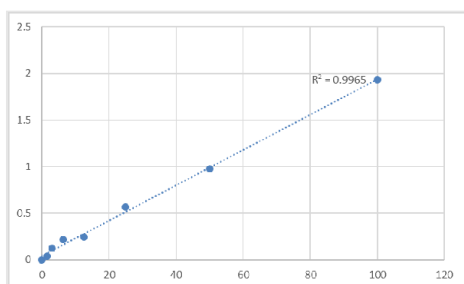
PRODUCT SYNONYMS

Galectin-3-Binding Protein (LGALS3BP); Human Galectin-3-Binding Protein (LGALS3BP) ELISA Kit; LGALS3BP; 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	Human Galectin-3-binding protein (LGALS3BP) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Galectin-3-binding protein (LGALS3BP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for LGALS3BP elisa kit	Description: This Human Galectin-3-binding protein (LGALS3BP) ELISA Kit employs a two-site sandwich ELISA to quantitate LGALS3BP in samples. An 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, Streptavidin 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. Background: Galectin-3-binding protein is a protein encoded by the LGALS3BP gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. 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 galectin 1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031863
NCBI GeneID	3959
NCBI Accession #	NP_005558.1
NCBI GenBank Nucleotide #	NP_005558.1
UniProt Accession #	Q08380
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://stage.aaabiotech.com/human-elisa-kits/galectin-3-binding-protein-lgals3bp/331941>