

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

Mouse Galectin-3-binding protein, LGALS3BP ELISA Kit

CATALOG #
AAA112761

REACTIVITY
Mouse

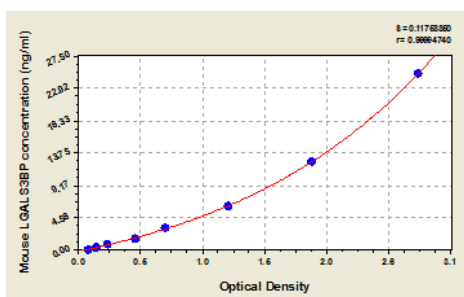
PRODUCT SYNONYMS

lectin; galactoside-binding; soluble; 3 binding protein; Mouse Galectin-3-binding protein; LGALS3BP ELISA Kit; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse LGALS3BP. No significant cross-reactivity or interference between mouse LGALS3BP and analogues was observed.
Sequence Length	577
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.39 ng/ml - 25 ng/ml.
Sensitivity	The minimum detectable dose of mouse LGALS3BP is typically less than 0.09 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 #	6755144
NCBI GeneID	19039
NCBI Accession #	NP_035280.1
NCBI GenBank Nucleotide #	NM_011150.2
UniProt Accession #	Q07797; O35649; Q3U631; Q3U8K4; Q3UDL5
Molecular Weight	64,491 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; CyCAP; Ppicap; MAC-2BP; Tango10b
NCBI Protein Information	galectin-3-binding protein; mama; cyp-C-associated protein; peptidylprolyl isomerase C-associated protein; lectin galactoside-binding soluble 3-binding protein
UniProt Protein Name	Galectin-3-binding protein
UniProt Gene Name	Lgals3bp
UniProt Synonym Gene Names	Cycap; Mama; CyCAP
UniProt Entry Name	LG3BP_MOUSE

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/lgals3bp-mouse-elisa-kits/lectin-galactoside-binding-soluble-3-binding-protein/112761>