

Human Galectin-3-binding protein (LG3BP) ELISA Kit | LG3BP elisa kit

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CATALOG #
AAA11336

REACTIVITY
Human

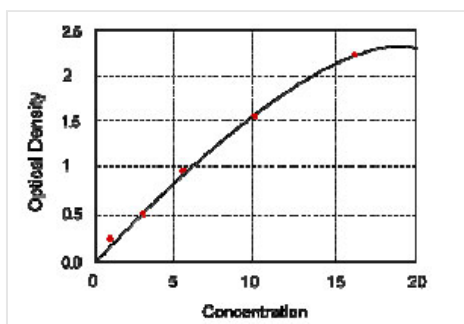
PRODUCT SYNONYMS

Galectin-3-binding protein (LG3BP); Human Galectin-3-binding protein (LG3BP) ELISA Kit; LG3BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	574
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 180ng/ml
Sensitivity	0.24ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LG3BP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Galectin-3-binding Protein (also known as LG3BP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LG3BP antibody. LG3BP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LG3BP Antibody is added and binds to LG3BP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LG3BP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LG3BP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20806135
NCBI GeneID	245955
NCBI Accession #	NP_620796.1
NCBI GenBank Nucleotide #	NM_139096.1
UniProt Accession #	O70513; Q66HR4; Q6Q8R9
Molecular Weight	63,742 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	mama; CyCAP; MAC2BP; Ppicap
NCBI Protein Information	galectin-3-binding protein
UniProt Protein Name	Galectin-3-binding protein
UniProt Gene Name	Lgals3bp
UniProt Synonym Gene Names	CyCAP; MAC2BP; Mac-2 BP

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-3-binding-protein-lg3bp/11336>