

Bovine Galectin-3-binding protein ELISA Kit | LGALS3BP elisa kit

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CATALOG #
AAA193054

REACTIVITY
Bovine

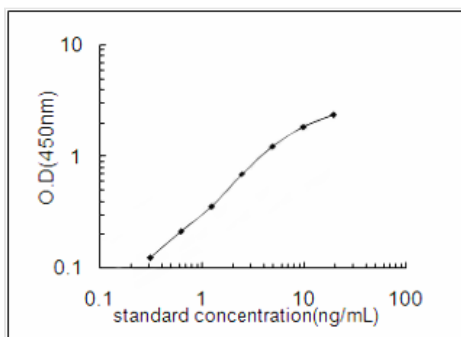
PRODUCT SYNONYMS

Galectin-3-binding protein; Bovine Galectin-3-binding protein ELISA Kit; Lectin galactoside-binding soluble 3-binding protein; LGALS3BP; LGALS3BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Galectin-3-binding protein. No significant cross-reactivity or interference was observed.
Sequence Length	555
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Sensitivity	<0.15 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS3BP elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Galectin-3-binding protein concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Galectin-3-binding protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Galectin-3-binding protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Galectin-3-binding protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Galectin-3-binding protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114052595
NCBI GeneID	531137
NCBI Accession #	NP_001039781.1
NCBI GenBank Nucleotide #	NM_001046316.2
UniProt Accession #	A7E3W2; Q2KJF4
Molecular Weight	62,127 Da
NCBI Official Full Name	galectin-3-binding protein
NCBI Official Symbol	LGALS3BP
NCBI Protein Information	galectin-3-binding protein
UniProt Protein Name	Galectin-3-binding protein
UniProt Gene Name	LGALS3BP
UniProt Entry Name	LG3BP_BOVIN

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/lgals3bp-bovine-ovine-elisa-kits/galectin-3-binding-protein/193054>