

Bovine Galectin-1 ELISA Kit | LGALS1 elisa kit

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CATALOG #
AAA192330

REACTIVITY
Bovine

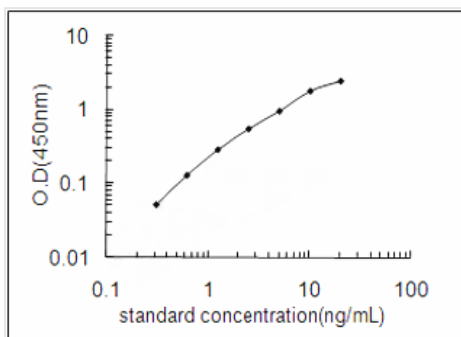
PRODUCT SYNONYMS

Galectin-1; Bovine Galectin-1 ELISA Kit; Gal-1; 14 kDa lectin; Beta-galactoside-binding lectin L-14-I; Galaptin; Lactose-binding lectin 1; Lectin galactoside-binding soluble 1; S-Lac lectin 1; LGALS1; LGALS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineGal-1. No significant cross-reactivity or interference was observed.
Sequence Length	135
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
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 LGALS1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovineGal-1 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 Gal-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Gal-1 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 Gal-1, 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 $\pm$ 2 nm. The concentration of Gal-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[28461189](#)

NCBI GeneID	326598
NCBI Accession #	NP_786976.1
NCBI GenBank Nucleotide #	NM_175782.1
UniProt Accession #	P11116 ; P11945 ; Q54A27
Molecular Weight	14,744 Da
NCBI Official Full Name	galectin-1
NCBI Official Symbol	LGALS1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1
UniProt Entry Name	LEG1_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://stage.aaabiotech.com/lgals1-bovine-ovine-elisa-kits/galectin-1/192330>