

Mouse Galectin-1 ELISA Kit | LGALS1 elisa kit

Galectin-1 (Mouse) ELISA

CATALOG #
AAA72624

REACTIVITY
Mouse

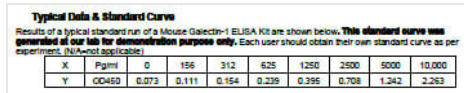
PRODUCT SYNONYMS

Galectin-1; Galectin-1 (Mouse) ELISA; LGALS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	135
Samples	Mouse Serum, Plasma, Body Fluids, Tissue Lysates Or Cell Culture Supernates
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/ml
Sensitivity	<15pg/ml
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS1 elisa kit

Intended Uses: For detection of Fibronectin in mouse serum, plasma, body fluids, tissue lysates or cell culture supernates. For research use only.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Fibronectin polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Fibronectin polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Fibronectin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Fibronectin can be calculated!!
Background/Introduction: Fibronectin is a high-molecular weight (~440kDa) glycoprotein of the extracellular matrix, belongs to a family of high molecular weight glycoproteins that are present on cell surfaces, in extracellular fluids, connective tissues, and basement membranes. Two major forms of fibronectin exist: a plasma soluble form and a cellular form. It plays a major role in cell adhesion, growth, migration, and differentiation, and it is important for processes such as wound healing and embryonic development. Fibronectin has been implicated in carcinoma development, and also acts as a potential biomarker for radioresistance.

Product Categories/Family for LGALS1 elisa kit

[Cytokines & Cell Signalling](#); [Research Assays](#); [Assay Categories](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504981
NCBI GeneID	3956
NCBI Accession #	NP_002296.1
NCBI GenBank Nucleotide #	NM_002305.3
Molecular Weight	14,716 Da
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 1
NCBI Official Symbol	LGALS1
NCBI Official Synonym Symbols	GBP; GAL1
NCBI Protein Information	galectin-1; 14 kDa laminin-binding protein; 14 kDa lectin; HBL; HLBP14; HPL; S-Lac lectin 1; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa; gal-1; galaptin; galectin 1; lactose-binding lectin 1; putative MAPK-activating protein PM12
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1; HLBP14
UniProt Entry Name	LEG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/galectin-1/72624>