

Mouse Lectin-galactose binding-soluble 3 ELISA Kit | Lgals3 elisa kit

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CATALOG #
AAA84949

REACTIVITY
Mouse

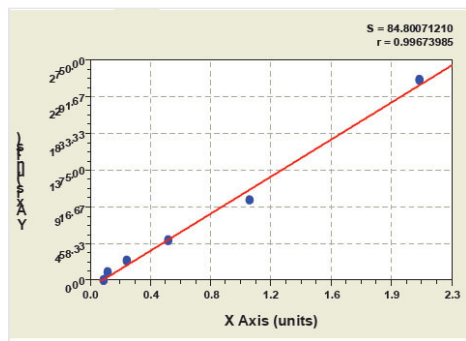
PRODUCT SYNONYMS

Lectin-galactose binding-soluble 3; Mouse Lectin-galactose binding-soluble 3 ELISA Kit; Lgals3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This LGALS3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse LGALS3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lgals3 elisa kit

Principle of the Assay: LGALS3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-1. Standards or samples are then added to the microtiter plate wells and LGALS3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of LGALS3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for LGALS3 are added to each well to "sandwich" the LGALS3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain LGALS3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LGALS3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457147
NCBI GeneID	3958
UniProt Accession #	Q6FGL0; P17931
Molecular Weight	26,161 Da
NCBI Official Full Name	LGALS3, partial
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
NCBI Protein Information	galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35
UniProt Protein Name	Galectin
UniProt Gene Name	LGALS3
UniProt Entry Name	Q6FGL0_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.

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Online datasheet: <https://stage.aaabiotech.com/lgals3-mouse-elisa-kits/lectin-galactose-binding-soluble-3/84949>