

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

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CATALOG #
AAA87382

REACTIVITY
Rabbit

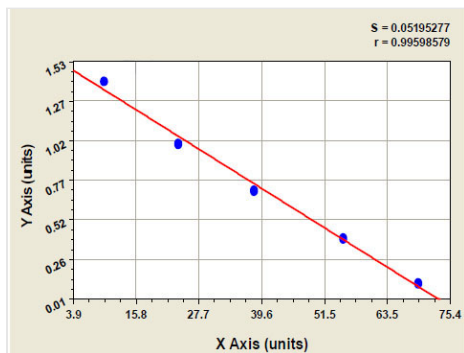
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 Rabbit 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-LGALS3 antibody and an LGALS3-HRP conjugate. The assay sample and buffer are incubated together with LGALS3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LGALS3 concentration since LGALS3 from samples and LGALS3-HRP conjugate compete for the anti-LGALS3 antibody binding site. Since the number of sites is limited, as more sites are occupied by LGALS3 from the sample, fewer sites are left to bind LGALS3-HRP conjugate. 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://www.aaabiotech.com/lgals3-rabbit-elisa-kits/lectin-galactose-binding-soluble-3/87382>