

Sheep Galectin 2 ELISA Kit | GAL2 elisa kit

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CATALOG #
AAA90304

REACTIVITY
Sheep

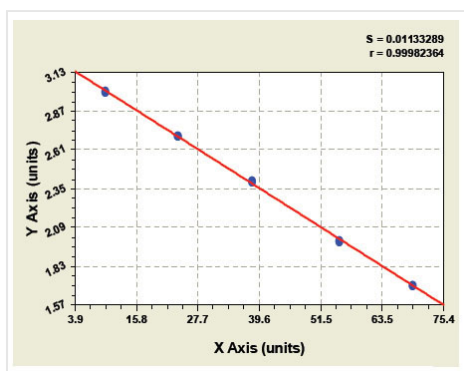
PRODUCT SYNONYMS

Galectin 2; Sheep Galectin 2 ELISA Kit; GAL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This GAL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GAL2. 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 GAL2 elisa kit

Principle of the Assay: GAL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GAL2 antibody and an GAL2-HRP conjugate. The assay sample and buffer are incubated together with GAL2-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 GAL2 concentration since GAL2 from samples and GAL2-HRP conjugate compete for the anti-GAL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL2 from the sample, fewer sites are left to bind GAL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GAL2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729903
NCBI GeneID	3957
NCBI Accession #	NP_006489.1
NCBI GenBank Nucleotide #	NM_006498.2
Molecular Weight	14,644 Da
NCBI Official Full Name	galectin-2
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 2
NCBI Official Symbol	LGALS2
NCBI Official Synonym Symbols	HL14
NCBI Protein Information	galectin-2; gal-2; galectin 2; S-Lac lectin 2; lactose-binding lectin 2; beta-galactoside-binding lectin L-14-II
UniProt Protein Name	Galectin-2
UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_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/gal2-sheep-elisa-kits/galectin-2/90304>