

Sheep Galectin 12 ELISA Kit | GAL12 elisa kit

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CATALOG #
AAA88067

REACTIVITY
Sheep

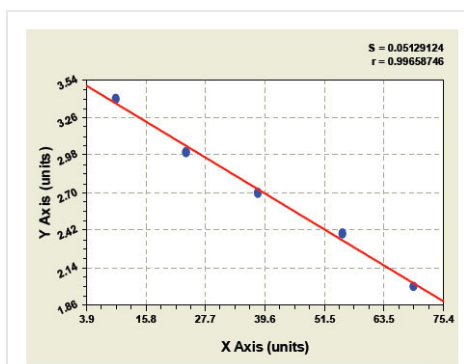
PRODUCT SYNONYMS

Galectin 12; Sheep Galectin 12 ELISA Kit; GAL12 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 GAL12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GAL12. 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 GAL12 elisa kit

Principle of the Assay: GAL12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GAL12 antibody and an GAL12-HRP conjugate. The assay sample and buffer are incubated together with GAL12-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 GAL12 concentration since GAL12 from samples and GAL12-HRP conjugate compete for the anti-GAL12 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL12 from the sample, fewer sites are left to bind GAL12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL12 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GAL12 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	216547811
NCBI GeneID	85329
NCBI Accession #	NP_001136008.1
NCBI GenBank Nucleotide #	NM_001142536.1
Molecular Weight	37,629 Da
NCBI Official Full Name	galectin-12 isoform 3
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 12
NCBI Official Symbol	LGALS12
NCBI Official Synonym Symbols	GAL12; GRIP1
NCBI Protein Information	galectin-12; galectin 12; galectin-related inhibitor of proliferation
UniProt Protein Name	Galectin-12
UniProt Gene Name	LGALS12
UniProt Synonym Gene Names	GRIP1; Gal-12
UniProt Entry Name	LEG12_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/gal12-sheep-elisa-kits/galectin-12/88067>