

Sheep Galectin-1 ELISA Kit | LGALS1 elisa kit

Sheep Galectin-1 (LGALS1) ELISA Kit

CATALOG # AAA55936	REACTIVITY Sheep
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PRODUCT SYNONYMS

Galectin-1; Sheep Galectin-1 (LGALS1) ELISA Kit; DKFZp686E23103; GAL1; GBP; S-Lac lectin 1|beta-galactoside-binding lectin L-14-I|galaptin|galectin 1|galectin-1|lactose-binding lectin 1; LGALS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of Sheep LGALS1. No significant cross-reactivity or interference between Sheep LGALS1 and analogues was observed.
Sequence Length	135
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for LGALS1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate LGALS1 in Sheep serum, plasma. An antibody specific for LGALS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LGALS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LGALS1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LGALS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Sheep Galectin-1 (LGALS1) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3122339
UniProt Accession #	P81184
Molecular Weight	14,704 Da
NCBI Official Full Name	Galectin-1

UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1

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/lgals1-sheep-elisa-kits/galectin-1/55936>