

Mouse lectin, galactoside-binding, soluble, 3 ELISA Kit | LGALS3 elisa kit

Mouse Galectin 3, GAL-3 ELISA Kit

CATALOG #
AAA80184

REACTIVITY
Mouse

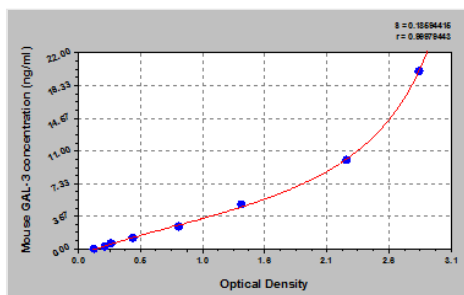
PRODUCT SYNONYMS

lectin; galactoside-binding; soluble; 3; Mouse Galectin 3; GAL-3 ELISA Kit; Mouse Galectin 3 (GAL-3) ELISA Kit; CBP35; GAL3; GALBP; GALIG; LGALS2; MAC2; IgE-binding protein; MAC-2 antigen; carbohydrate-binding protein 35; galactose-specific lectin 3; galectin 3; galectin-3 internal; laminin-binding protein; LGALS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse LGALS3. No significant cross-reactivity or interference between Mouse LGALS3 and analogues was observed.
Sequence Length	264
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Developmental Protein
Protein Biological Process 3	Differentiation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GAL-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GAL-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GAL-3 is added to the wells. After washing, avidin 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 GAL-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126679
NCBI GeneID	16854
UniProt Accession #	P16110
Molecular Weight	27,515 Da
NCBI Official Full Name	Galectin-3
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 3
NCBI Official Symbol	Lgals3
NCBI Official Synonym Symbols	GBP; L-34; gal3; Mac-2
NCBI Protein Information	galectin-3; gal-3; CBP 35; lectin L-29; 35 kDa lectin; mac-2 antigen; igE-binding protein; laminin-binding protein; galactose-specific lectin 3; L-34 galactoside-binding lectin; carbohydrate-binding protein 35
UniProt Protein Name	Galectin-3
UniProt Gene Name	Lgals3
UniProt Synonym Gene Names	Gal-3; CBP 35
UniProt Entry Name	LEG3_MOUSE

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-galactoside-binding-soluble-3/80184>