

Mouse Galectin 12 ELISA Kit | GAL12 elisa kit

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CATALOG #
AAA98100

REACTIVITY
Mouse

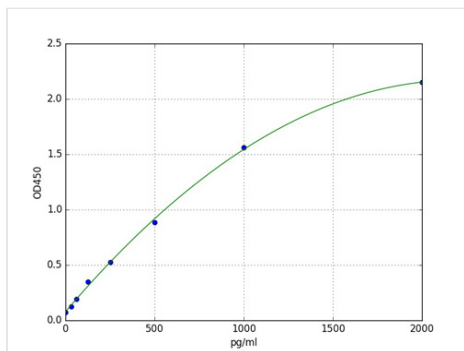
PRODUCT SYNONYMS

Galectin 12; Mouse Galectin 12 ELISA Kit; GAL12; GAL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	266
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse GAL12 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.022	0.027	0.043	0.073	0.171	0.404	1.290	2.564

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse GAL12 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse GAL12 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse GAL12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse GAL12 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

216547832

NCBI GeneID	85329
NCBI Accession #	NP_001136010.1
NCBI GenBank Nucleotide #	NM_001142538.1
Molecular Weight	37,629 Da
NCBI Official Full Name	galectin-12 isoform 5
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
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-mouse-elisa-kits/galectin-12/98100>