

Rat Galectin 9 ELISA Kit | GAL9 elisa kit

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CATALOG #
AAA102485

REACTIVITY
Rat

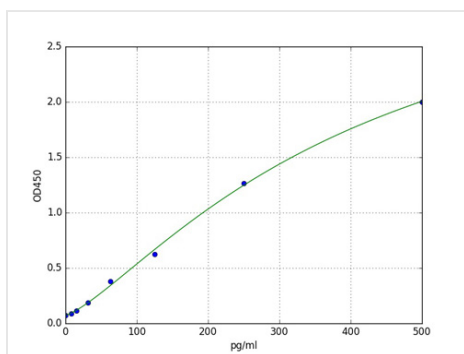
PRODUCT SYNONYMS

Galectin 9; Rat Galectin 9 ELISA Kit; GAL9/Ecalectin/LGALS9/Ecalectin/Gal-9/gal-9/galectin-9/HUAT/lectin; galactoside-binding; soluble; 9/LGALS9A/MGC117375/MGC125973/MGC125974/Tumor antigen HOM-HD-21/urate transporter/channel protein; GAL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	323
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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 Rat GAL9 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	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.074	0.095	0.109	0.186	0.372	0.702	1.255	1.942

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat GAL9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat GAL9 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 Rat GAL9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat GAL9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	102469694
NCBI GeneID	3965
NCBI Accession #	NP_002299.2
NCBI GenBank Nucleotide #	NM_002308.3
Molecular Weight	38,321 Da
NCBI Official Full Name	galectin-9 isoform short
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 9
NCBI Official Symbol	LGALS9
NCBI Official Synonym Symbols	HUAT; LGALS9A
NCBI Protein Information	galectin-9
UniProt Protein Name	Galectin-9
UniProt Gene Name	LGALS9
UniProt Synonym Gene Names	Gal-9
UniProt Entry Name	LEG9_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://www.aaabiotech.com/gal9-rat-elisa-kits/galectin-9/102485>