

Mouse Galectin 9 (GAL9) CLIA Kit | GAL9 clia kit

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CATALOG #
AAA149030

REACTIVITY
Mouse

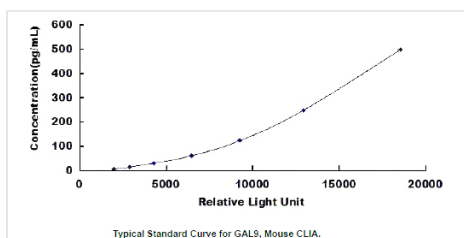
PRODUCT SYNONYMS

Galectin 9 (GAL9); Mouse Galectin 9 (GAL9) CLIA Kit; LGALS9; Ecalectin; Lectin; Galactoside-Binding Soluble 9; Tumor antigen HOM-HD-21; GAL9 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FSH. No significant cross-reactivity or interference between FSH and analogues was observed.
Sequence Length	322
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	7.8-500pg/mL
Sensitivity	2.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FSH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FSH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL9 clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of FSH in mouse serum, plasma and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FSH. A competitive inhibition reaction is launched between biotin labeled FSH and unlabeled FSH (Standards or samples) with the pre-coated antibody specific to FSH. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of FSH in the sample. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is reverse proportional to the FSH level in the sample or standard.
Product Categories/Family for GAL9 clia kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	226531139
NCBI GeneID	16859
NCBI Accession #	NP_001152773.1
NCBI GenBank Nucleotide #	NM_001159301.1
UniProt Accession #	O08573; O08572; Q3UKE5; Q99L83
Molecular Weight	36,544 Da
NCBI Official Full Name	galectin-9 isoform 2
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 9
NCBI Official Symbol	Lgals9
NCBI Official Synonym Symbols	gal-9; Lgals5; LGALS35; AA407335; AI194909; AI265545; galectin-9
NCBI Protein Information	galectin-9
UniProt Protein Name	Galectin-9
UniProt Gene Name	Lgals9
UniProt Synonym Gene Names	Gal-9

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/mouse-clia-kits/galectin-9-gal9/149030>