

Rat GAL8 ELISA Kit | GAL8 elisa kit

Rat GAL8 (Galectin 8) ELISA Kit

CATALOG #
AAA165032

REACTIVITY
Rat

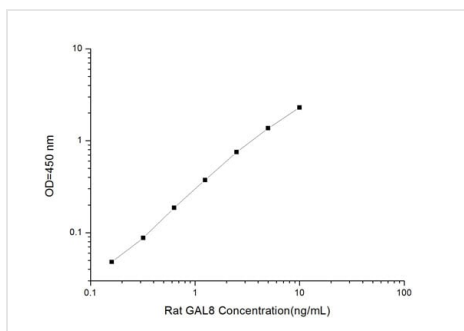
PRODUCT SYNONYMS

GAL8; Rat GAL8 (Galectin 8) ELISA Kit; GAL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GAL8. No significant cross-reactivity or interference between Rat GAL8 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GAL8 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	66
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL8 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GAL8 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GAL8. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GAL8 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GAL8, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GAL8. You can calculate the concentration of Rat GAL8 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49169806
NCBI GeneID	414875
NCBI Accession #	NP_001001781.1
NCBI GenBank Nucleotide #	NM_001001781.1
UniProt Accession #	Q6IV23; Q6GXI7
Molecular Weight	7,395 Da
NCBI Official Full Name	gallinacin-8
NCBI Official Synonym Full Names	Gal 8
NCBI Official Symbol	GAL8
NCBI Official Synonym Symbols	Gal12
NCBI Protein Information	gallinacin-8; beta-defensin 8; gal-12; gallinacin 12 prepropeptide; gallinacin-12
UniProt Protein Name	Gallinacin-8
UniProt Gene Name	GAL8
UniProt Synonym Gene Names	Gal 8; Gal-12
UniProt Entry Name	GLL8_CHICK

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.