

Rat GAL2 ELISA Kit | GAL2 elisa kit

Rat GAL2 (Galectin 2) ELISA Kit

CATALOG #
AAA164145

REACTIVITY
Rat

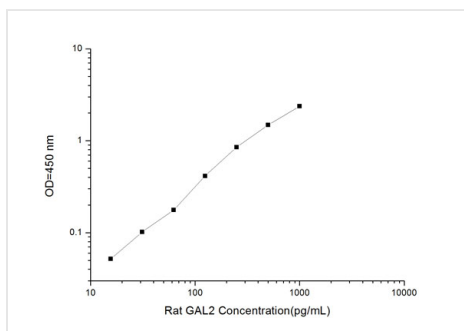
PRODUCT SYNONYMS

GAL2; Rat GAL2 (Galectin 2) ELISA Kit; GAL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GAL2. No significant cross-reactivity or interference between Rat GAL2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GAL2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	64
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GAL2 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 GAL2. 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 GAL2 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 GAL2, 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 GAL2. You can calculate the concentration of Rat GAL2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	319655709
NCBI GeneID	395840
NCBI Accession #	NP_001188328.1
NCBI GenBank Nucleotide #	NM_001201399.1
UniProt Accession #	P46158; Q09MT0; Q0PWH3; Q6B9W8; Q6GXJ3
Molecular Weight	7,142 Da
NCBI Official Full Name	gallinacin-2
NCBI Official Synonym Full Names	gallinacin 2
NCBI Official Symbol	GAL2
NCBI Protein Information	gallinacin-2; Gal 2; antimicrobial peptide 2; beta-defensin 2; gal-2
UniProt Protein Name	Gallinacin-2
UniProt Gene Name	GAL2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	GLL2_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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/gal2/164145>