

Rat GAL7 ELISA Kit | GAL7 elisa kit

Rat GAL7 (Galectin 7) ELISA Kit

CATALOG #
AAA164109

REACTIVITY
Rat

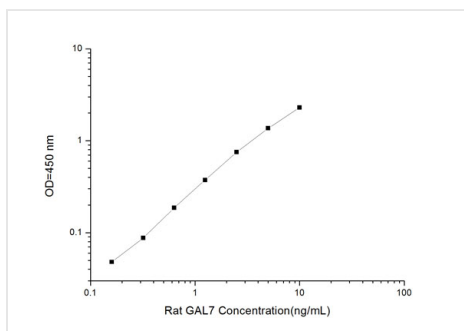
PRODUCT SYNONYMS

GAL7; Rat GAL7 (Galectin 7) ELISA Kit; GAL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GAL7. No significant cross-reactivity or interference between Rat GAL7 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GAL7 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	136
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 GAL7 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GAL7 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 GAL7. 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 GAL7 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 GAL7, 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 GAL7. You can calculate the concentration of Rat GAL7 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109948279
NCBI GeneID	653499
NCBI Accession #	NP_001035972.1
NCBI GenBank Nucleotide #	NM_001042507.3
UniProt Accession #	P47929; Q6IB87
Molecular Weight	15,075 Da
NCBI Official Full Name	galectin-7
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 7B
NCBI Official Symbol	LGALS7B
NCBI Official Synonym Symbols	PI7; GAL7; Gal-7; HKL-14; LGALS7
NCBI Protein Information	galectin-7; galectin 7B; galectin-7B; keratinocyte lectin 14; lectin galactoside-binding soluble 7; p53-induced gene 1 protein; p53-induced protein 1
UniProt Protein Name	Galectin-7
UniProt Gene Name	LGALS7
UniProt Synonym Gene Names	PIG1; Gal-7
UniProt Entry Name	LEG7_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.