

Human Galectin 8 ELISA Kit | GAL8 elisa kit

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CATALOG #
AAA82979

REACTIVITY
Human

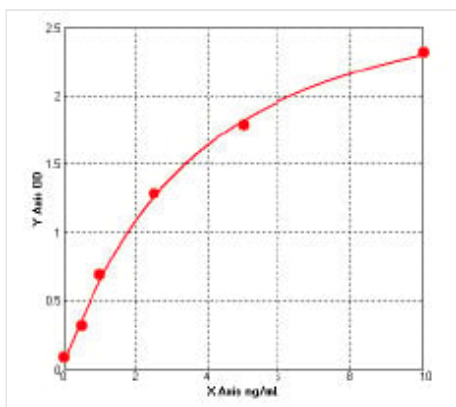
PRODUCT SYNONYMS

Galectin 8; Human Galectin 8 ELISA Kit; GAL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL8 elisa kit

Intended Uses: This GAL-7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine GAL-7. This ELISA kit for research use only!

Principle of the Assay: GAL-7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GAL-7 antibody and an GAL-7-HRP conjugate. The assay sample and buffer are incubated together with GAL-7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GAL-7 concentration since GAL-7 from samples and GAL-7-HRP conjugate compete for the anti-GAL-7 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL-7 from the sample, fewer sites are left to bind GAL-7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL-7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49169806
NCBI GeneID	414875
NCBI Accession #	NP_001001781.1
NCBI GenBank Nucleotide #	NM_001001781.1
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; gal-12; gallinacin-12; beta-defensin 8; gallinacin 12 prepropeptide
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.