

Bovine Galectin 8 ELISA Kit | GAL8 elisa kit

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CATALOG #
AAA91321

REACTIVITY
Bovine

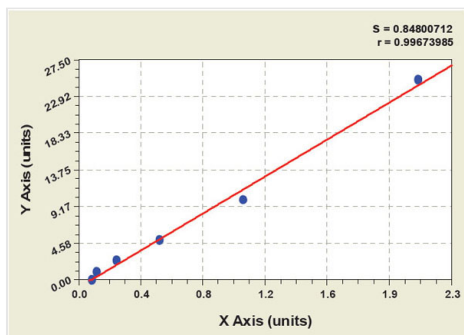
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GAL8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine GAL8. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL8 elisa kit

Principle of the Assay: GAL8 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GAL8. Standards or samples are then added to the microtiter plate wells and GAL8 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GAL8 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GAL8 are added to each well to "sandwich" the GAL8 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GAL8 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL8 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.