

Bovine Galectin 7 ELISA Kit | GAL7 elisa kit

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CATALOG #
AAA92806

REACTIVITY
Bovine

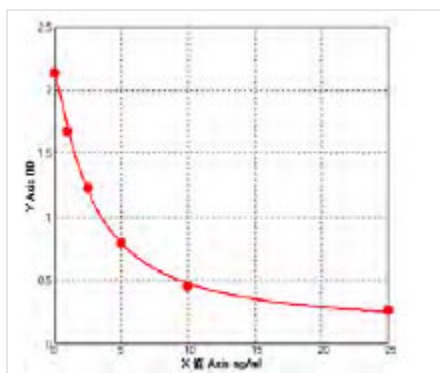
PRODUCT SYNONYMS

Galectin 7; Bovine Galectin 7 ELISA Kit; GAL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
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 GAL7 elisa kit

Intended Uses: This GAL-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit GAL-3. This ELISA kit for research use only!

Principle of the Assay: GAL-3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GAL-3. Standards or samples are then added to the microtiter plate wells and GAL-3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GAL-3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GAL-3 are added to each well to "sandwich" the GAL-3 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 GAL-3 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 GAL-3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109948279
NCBI GeneID	653499
NCBI Accession #	NP_001035972.1
NCBI GenBank Nucleotide #	NM_001042507.3
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; p53-induced protein 1; keratinocyte lectin 14; p53-induced gene 1 protein; lectin galactoside-binding soluble 7
UniProt Protein Name	Galectin-7
UniProt Gene Name	LGALS7
UniProt Synonym Gene Names	PIG1 LGALS7B ; 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.