

Chicken Galectin 7 ELISA Kit | GAL7 elisa kit

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CATALOG #
AAA90134

REACTIVITY
Chicken

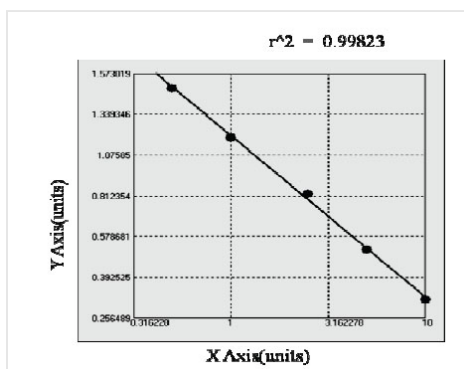
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GAL7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GAL7. 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 GAL7 elisa kit

Principle of the Assay: GAL7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GAL7 antibody and an GAL7-HRP conjugate. The assay sample and buffer are incubated together with GAL7-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 GAL7 concentration since GAL7 from samples and GAL7-HRP conjugate compete for the anti-GAL7 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL7 from the sample, fewer sites are left to bind GAL7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL7 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GAL7 elisa kit

Cell Biology

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; 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; 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.

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Online datasheet: <https://stage.aaabiotech.com/gal7-chicken-elisa-kits/galectin-7/90134>