

Human Galectin-7 ELISA Kit | GAL7 elisa kit

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CATALOG #
AAA97773

REACTIVITY
Human

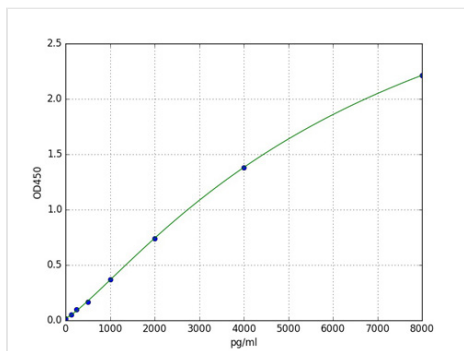
PRODUCT SYNONYMS

Galectin-7; Human Galectin-7 ELISA Kit; Galectin-7/GAL7/Galectin 7/LGALS7/Gal-7/HKL-14; GAL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	136
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Galectin-7 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.028	0.061	0.094	0.161	0.298	0.720	1.309	2.168

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL7 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Galectin-7 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Galectin-7 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Galectin-7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Galectin-7 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504985
NCBI GeneID	3963
NCBI Accession #	NP_002298.1
NCBI GenBank Nucleotide #	NM_002307.3
NCBI Official Full Name	galectin-7
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 7
NCBI Official Symbol	LGALS7
NCBI Official Synonym Symbols	GAL7; LGALS7A
NCBI Protein Information	galectin-7

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-human-elisa-kits/galectin-7/97773>