

Human Galectin-4 ELISA Kit | GAL4 elisa kit

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CATALOG #
AAA100974

REACTIVITY
Human

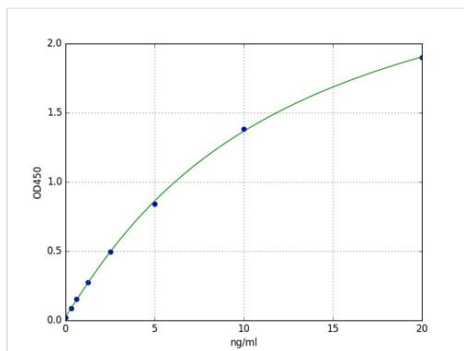
PRODUCT SYNONYMS

Galectin-4; Human Galectin-4 ELISA Kit; Galectin-4/GAL4/Galectin 4/LGALS4/Antigen NY-CO-27/gal-4/Gal-4; GAL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	323
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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-4 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	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.032	0.121	0.211	0.340	0.577	1.102	1.365	1.975

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Galectin-4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Galectin-4 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-4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Galectin-4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453712
NCBI GeneID	3960
NCBI Accession #	NP_006140.1
NCBI GenBank Nucleotide #	NM_006149.3
Molecular Weight	35,941 Da
NCBI Official Full Name	galectin-4
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 4
NCBI Official Symbol	LGALS4
NCBI Official Synonym Symbols	GAL4; L36LBP
NCBI Protein Information	galectin-4
UniProt Protein Name	Galectin-4
UniProt Gene Name	LGALS4
UniProt Synonym Gene Names	Gal-4; L36LBP
UniProt Entry Name	LEG4_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://www.aaabiotech.com/gal4-human-elisa-kits/galectin-4/100974>