

Rat Galectin 8 ELISA Kit | GAL8 elisa kit

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CATALOG #
AAA98979

REACTIVITY
Rat

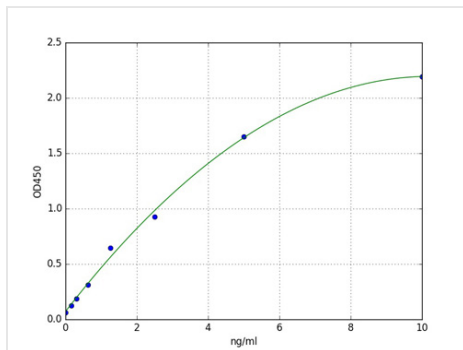
PRODUCT SYNONYMS

Galectin 8; Rat Galectin 8 ELISA Kit; GAL8/LGALS8/PCTA1/Gal-8/galectin-8/galectin-8g/lectin; galactoside-binding; soluble; 8/LGALS8/PCTA1/PCTA-1Po66 carbohydrate-binding protein/Po66 carbohydrate binding protein/Po66-CBP/Prostate carcinoma tumor antigen 1; GAL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	359
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Rat GAL8 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.034	0.049	0.079	0.131	0.247	0.785	1.984	2.640

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat GAL8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat GAL8 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 Rat GAL8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat GAL8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544193
NCBI GeneID	3964
NCBI Accession #	NP_963839.1
NCBI GenBank Nucleotide #	NM_201545.2
Molecular Weight	40,397 Da
NCBI Official Full Name	galectin-8 isoform a
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 8
NCBI Official Symbol	LGALS8
NCBI Official Synonym Symbols	Gal-8; PCTA1; PCTA-1; Po66-CBP
NCBI Protein Information	galectin-8
UniProt Protein Name	Galectin-8
UniProt Gene Name	LGALS8
UniProt Synonym Gene Names	Gal-8; Po66-CBP; PCTA-1
UniProt Entry Name	LEG8_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gal8-rat-elisa-kits/galectin-8/98979>