

Human lectin, galactoside-binding, soluble, 8 ELISA Kit | LGALS8 elisa kit

Human Galectin-8, LGALS8 ELISA Kit

CATALOG #
AAA112622

REACTIVITY
Human

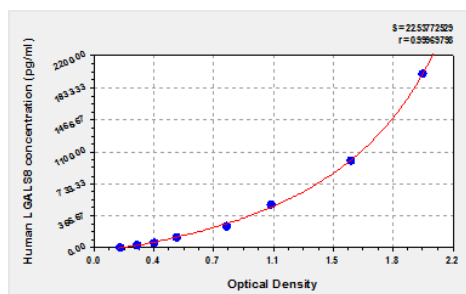
PRODUCT SYNONYMS

lectin; galactoside-binding; soluble; 8; Human Galectin-8; LGALS8 ELISA Kit; Human Galectin-8 (LGALS8) ELISA kit; Gal-8; PCTA-1; PCTA1; Po66-CBP; Po66 carbohydrate binding protein; galectin 8; galectin-8; galectin-8g; prostate carcinoma tumor antigen 1; LGALS8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LGALS8. No significant cross-reactivity or interference between human LGALS8 and analogues was observed.
Sequence Length	359
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for LGALS8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any LGALS8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for LGALS8 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of LGALS8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42544185
NCBI GeneID	3964
NCBI Accession #	NP_006490.3
NCBI GenBank Nucleotide #	NM_006499.4
UniProt Accession #	O00214; O15215; Q5T3P5; Q5T3Q4; Q8TEV1; Q96B92; Q9BXC8; Q9H584; Q9H585; Q9UEZ6; Q9UP32; Q9UP33
Molecular Weight	35,808 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; galectin 8; galectin-8g; Po66 carbohydrate binding protein; po66 carbohydrate-binding protein; prostate carcinoma tumor antigen 1
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.

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Online datasheet: <https://stage.aaabiotech.com/lgals8-human-elisa-kits/lectin-galactoside-binding-soluble-8/112622>