

Human lectin, galactoside-binding, soluble, 13 ELISA Kit | LGALS13 elisa kit

Human placental protein 13, PP13 ELISA Kit

CATALOG #
AAA79600

REACTIVITY
Human

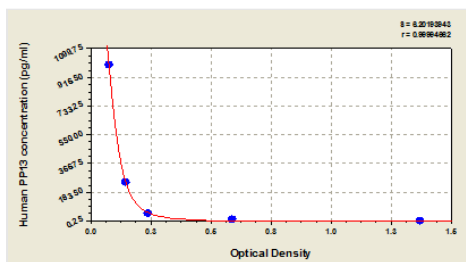
PRODUCT SYNONYMS

lectin; galactoside-binding; soluble; 13; Human placental protein 13; PP13 ELISA Kit; GAL13; PLAC8; PP13; beta-galactoside-binding lectin; galectin 13; galectin-13; placental protein 13; LGALS13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human LGALS13. No significant cross-reactivity or interference between Human LGALS13 and analogues was observed.
Sequence Length	139
Samples	Serum, plasma, urine, tissue homogenates
Assay Type	Competitive
Detection Range	2.5 pg/ml-1000 pg/ml
Sensitivity	1 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	Lipogenesis and lipometabolism
Protein Biological Process 3	Lipid degradation
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 LGALS13 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. Antibody specific for PP13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated PP13. A competitive inhibition reaction is launched between PP13 (Standards or samples) and HRP-conjugated PP13 with the pre-coated antibody specific for PP13. The more amount of PP13 in samples, the less antibody bound by HRP-conjugated PP13. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of PP13 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019497
NCBI GeneID	29124
NCBI Accession #	NP_037400.1
NCBI GenBank Nucleotide #	NM_013268.2
UniProt Accession #	Q9UHV8; C5HZ15
Molecular Weight	16,119 Da
NCBI Official Full Name	galactoside-binding soluble lectin 13
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 13
NCBI Official Symbol	LGALS13
NCBI Official Synonym Symbols	PP13; GAL13; PLAC8
NCBI Protein Information	galactoside-binding soluble lectin 13; gal-13; galectin 13; galectin-13; placental protein 13; placental tissue protein 13; beta-galactoside-binding lectin
UniProt Protein Name	Galactoside-binding soluble lectin 13
UniProt Gene Name	LGALS13
UniProt Synonym Gene Names	PLAC8; Gal-13; PP13; Placental protein 13
UniProt Entry Name	PP13_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/lgals13-human-elisa-kits/lectin-galactoside-binding-soluble-13/79600>