

Human Placental protein 13-like ELISA Kit | LGALS14 elisa kit

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CATALOG #
AAA192266

REACTIVITY
Human

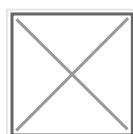
PRODUCT SYNONYMS

Placental protein 13-like; Human Placental protein 13-like ELISA Kit; Charcot-Leyden crystal protein 2; CLC2; Galectin-14; Gal-14; LGALS14; PPL13; LGALS14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human PPL13. No significant cross-reactivity or interference was observed.
Sequence Length	139
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.21ng/mL
Intra-Assay CV	<=5.5%
Inter-Assay CV	<=7.9%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS14 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human placental protein 13-like, PPL13 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PPL13. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PPL13 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PPL13, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PPL13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910348
NCBI GeneID	56891
NCBI Accession #	NP_064514.1
NCBI GenBank Nucleotide #	NM_020129.2
UniProt Accession #	Q8TCE9; Q7Z4X8; Q96KD4; Q96KD5; Q96KD6; Q9NR03; A8MPV8; B2R530; C5HZ19
Molecular Weight	19,578 Da
NCBI Official Full Name	placental protein 13-like isoform 1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 14
NCBI Official Symbol	LGALS14
NCBI Official Synonym Symbols	CLC2; PPL13
NCBI Protein Information	placental protein 13-like
UniProt Protein Name	Placental protein 13-like
UniProt Gene Name	LGALS14
UniProt Synonym Gene Names	PPL13; CLC2; Gal-14
UniProt Entry Name	PPL13_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/lgals14-human-elisa-kits/placental-protein-13-like/192266>