

Human Placental Protein 13 ELISA Kit | PP13 elisa kit

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CATALOG #
AAA16484

REACTIVITY
Human

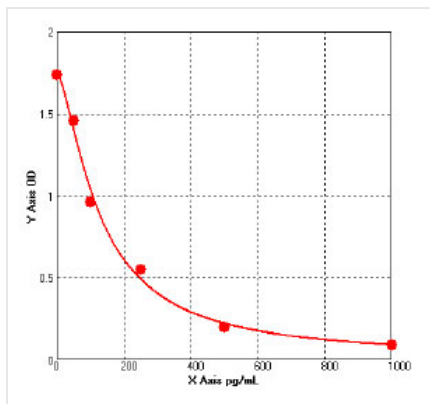
PRODUCT SYNONYMS

Placental Protein 13; Human Placental Protein 13 ELISA Kit; PP13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PP13. No significant cross-reactivity or interference between PP13 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PP13 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PP13 elisa kit	Principle of the Assay: PP13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PP13 antibody and an PP13-HRP conjugate. The assay sample and buffer are incubated together with PP13-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PP13 concentration since PP13 from samples and PP13-HRP conjugate compete for the anti-PP13 antibody binding site. Since the number of sites is limited, as more sites are occupied by PP13 from the sample, fewer sites are left to bind PP13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PP13 concentration in each sample is interpolated from this standard curve. Intended Uses: This PP13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PP13. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6650760
NCBI GeneID	29124
Molecular Weight	16,119 Da
NCBI Official Full Name	placental protein 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.