

Human Placental Protein13 ELISA Kit | PP13 elisa kit

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CATALOG #
AAA101145

REACTIVITY
Human

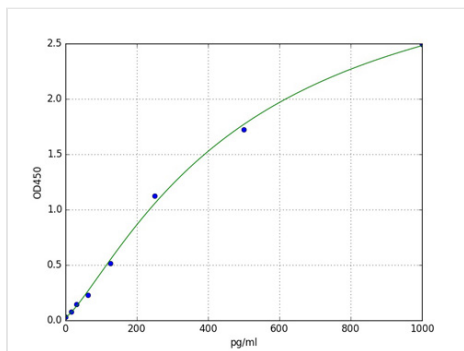
PRODUCT SYNONYMS

Placental Protein13; Human Placental Protein13 ELISA Kit; PP13; PP13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	139
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Human PP13 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.070	0.079	0.103	0.130	0.235	0.435	0.908	1.991

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PP13 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PP13 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PP13 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 Human PP13 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PP13 can be calculated.

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pp13-human-elisa-kits/placental-protein13/101145>