

Human placenta growth factor, PLGF ELISA Kit | PLGF elisa kit

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CATALOG #
AAA11300

REACTIVITY
Human

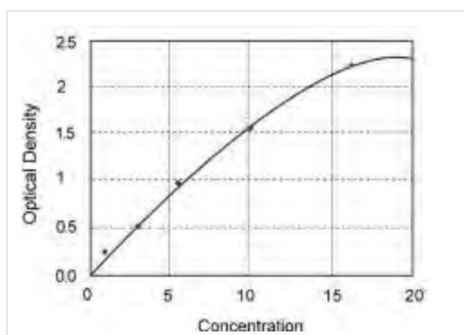
PRODUCT SYNONYMS

placenta growth factor; PLGF; Human placenta growth factor; PLGF ELISA Kit; PLGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	158
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	8-1800ng/L
Sensitivity	4.02ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLGF elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PLGF antibody. PLGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PLGF Antibody is added and binds to PLGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLGF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PLGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human placenta growth factor (also known as PLGF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679289
NCBI GeneID	18654
NCBI Accession #	NP_032853.1
NCBI GenBank Nucleotide #	NM_008827.3
UniProt Accession #	P49764
Molecular Weight	17,876 Da
NCBI Official Full Name	placenta growth factor isoform 1
NCBI Official Synonym Full Names	placental growth factor
NCBI Official Symbol	Pgf
NCBI Official Synonym Symbols	PIGF; Plgf; AI854365
NCBI Protein Information	placenta growth factor
UniProt Protein Name	Placenta growth factor
UniProt Gene Name	Pgf
UniProt Synonym Gene Names	Plgf; PIGF

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/human-elisa-kits/placenta-growth-factor-plgf/11300>