

Human placental growth factor ELISA Kit | PGF elisa kit

Human placenta growth factor, PLGF ELISA Kit

CATALOG #
AAA79525

REACTIVITY
Human

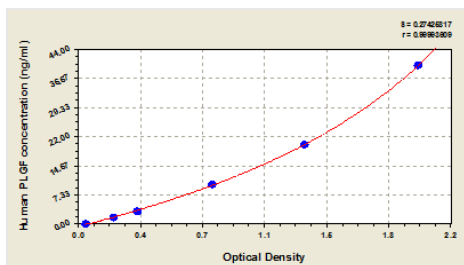
PRODUCT SYNONYMS

placental growth factor; Human placenta growth factor; PLGF ELISA Kit; PLGF ELISA kit; D12S1900; PGFL; PLGF; PIGF-2; SHGC-10760; placenta growth factor; vascular endothelial growth factor-related protein; placental growth factor-like; PGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLGF. No significant cross-reactivity or interference between human PLGF and analogues was observed.
Sequence Length	149
Samples	serum, plasma and tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.67 ng/ml - 40 ng/ml
Sensitivity	<0.7 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<10%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
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 PGF elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for PLGF. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLGF bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033785
NCBI GeneID	5228
NCBI Accession #	NP_001193941.1
NCBI GenBank Nucleotide #	NM_001207012.1
UniProt Accession #	P49763; Q07101; Q9BV78; Q9Y6S8
Molecular Weight	24,789 Da
NCBI Official Full Name	placenta growth factor isoform 2
NCBI Official Synonym Full Names	placental growth factor
NCBI Official Symbol	PGF
NCBI Official Synonym Symbols	PGFL; PLGF; PIGF-2; D12S1900; SHGC-10760
NCBI Protein Information	placenta growth factor; placental growth factor, vascular endothelial growth factor-related protein
UniProt Protein Name	Placenta growth factor
UniProt Gene Name	PGF
UniProt Synonym Gene Names	PGFL; PLGF; PIGF
UniProt Entry Name	PLGF_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://www.aaabiotech.com/pgf-human-elisa-kits/placental-growth-factor/79525>