

Rat placental growth factor ELISA Kit | PGF elisa kit

Rat placenta growth factor, PLGF ELISA Kit

CATALOG #
AAA15437

REACTIVITY
Rat

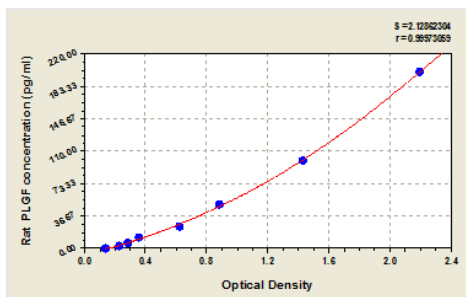
PRODUCT SYNONYMS

placental growth factor; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PLGF. No significant cross-reactivity or interference between rat PLGF and analogues was observed.
Sequence Length	158
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 and any PLGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLGF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758378
NCBI GeneID	94203
NCBI Accession #	NP_446047.1
NCBI GenBank Nucleotide #	NM_053595.2
UniProt Accession #	Q63434
Molecular Weight	17,681 Da
NCBI Official Full Name	placenta growth factor
NCBI Official Synonym Full Names	placental growth factor
NCBI Official Symbol	Pgf
NCBI Official Synonym Symbols	Plgf
NCBI Protein Information	placenta growth factor
UniProt Protein Name	Placenta growth factor
UniProt Gene Name	Pgf
UniProt Synonym Gene Names	Plgf; PIGF
UniProt Entry Name	PLGF_RAT

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/pgf-rat-elisa-kits/placental-growth-factor/15437>