

Rat PGF (Placental Growth Factor) CLIA Kit | PGF clia kit

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CATALOG #
AAA171330

REACTIVITY
Rat

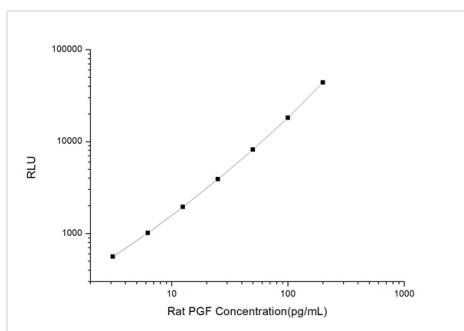
PRODUCT SYNONYMS

PGF (Placental Growth Factor); Rat PGF (Placental Growth Factor) CLIA Kit; PLGF; PGFL; PIGF-2; SHGC-10760; D12S1900; PGF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant PGF. No significant cross-reactivity or interference between PGF and analogues was observed.
Sequence Length	170
Assay Type	Sandwich
Detection Range	3.125-200pg/mL
Sensitivity	Min: 1.875pg/mL; Max: 200pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGF clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of PGF concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to PGF. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PGF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PGF, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of PGF. You can calculate the concentration of PGF in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043631
NCBI GeneID	5228
Molecular Weight	19,338 Da
NCBI Official Full Name	Placental growth factor
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
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://stage.aaabiotech.com/rat-clia-kits/pgf-placental-growth-factor/171330>