

ARG83822 Rat PLGF ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83822 Rat PLGF ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat PLGF in Serum, plasma, tissue homogenates, cell lysates, cell culture supernatants and other biological fluids
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	PLGF
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.91 pg/mL
Sample Type	Serum, plasma, tissue homogenates, cell lysates, cell culture supernatants and other biological fluids
Standard Range	7.82-500 pg/mL
Sample Volume	100 µl
Alternate Names	PGFL; PIGF; PIGF-2; SHGC-10760; Placenta growth factor; D12S1900; PLGF

Application Instructions

Assay Time	3.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PGF
Gene Full Name	placental growth factor
Background	This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]
Function	Growth factor active in angiogenesis and endothelial cell growth, stimulating their proliferation and migration. It binds to the receptor FLT1/VEGFR-1. Isoform PIGF-2 binds NRP1/neuropilin-1 and NRP2/neuropilin-2 in a heparin-dependent manner. Also promotes cell tumor growth. [UniProt]
Highlight	Related products: PLGF antibodies ; PLGF ELISA Kits ; Related news:

[The role of HDGF in tumor angiogenesis](#)

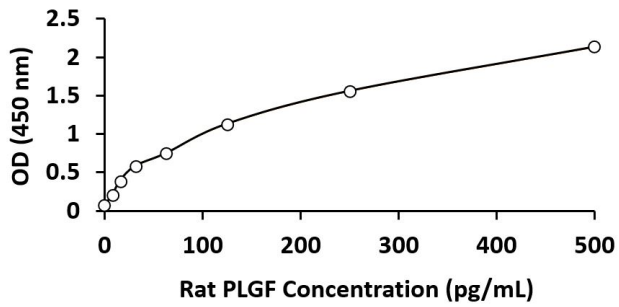
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area Cancer kit; Cell Biology and Cellular Response kit; Metabolism kit

PTM N-glycosylated.

Images



ARG83822 Rat PLGF ELISA Kit standard curve image

ARG83822 Rat PLGF ELISA Kit results of a typical standard run with optical density reading at 450 nm.
