

Mouse PGF Antibody Pair Set

Catalog No.	E-KAB-0596	Applications	ELISA
Synonyms	D12S1900;PGFL;PIGF;PLGF;PIGF-2;SHGC-10760		

Kit components & Storage

Title	Specifications	Storage
Mouse PGF Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse PGF Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

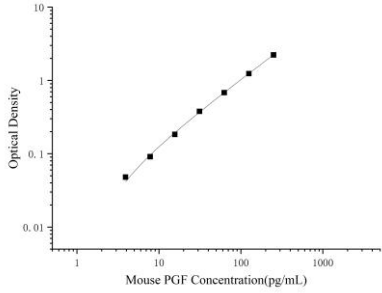
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0596)	
		Mouse PGF Capture Antibody	Mouse PGF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse PGF protien	Recombinant Mouse PGF protien
	Swissprot	Q544A5	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse PGF in ELISAs.	

Applications

Mouse PGF Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse PGF Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse PGF Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

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.