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Product Datasheet

Mouse PDGFA(Platelet Derived Growth Factor Subunit A) ELISA Kit EBT-ELK4822

Article Name	Mouse PDGFA(Platelet Derived Growth Factor Subunit A) ELISA Kit
Biozol Catalog Number	EBT-ELK4822
Supplier Catalog Number	ELK4822
Alternative Catalog Number	EBT-ELK4822-96, EBT-ELK4822-48, EBT-ELK4822-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	31 pg/mL
UniProt	P20033
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Tumor immunity, Infection immunity, Bone metabolism, .
Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse PDGFA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PDGFA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse PDGFA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Mouse PDGFA in the samples is then determined by comparing the OD of the samples to the standard curve