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Product Datasheet

Rat VEGI(Vascular Endothelial Growth Inhibitor) ELISA Kit EBT-ELK11232

Article Name	Rat VEGI(Vascular Endothelial Growth Inhibitor) ELISA Kit
Biozol Catalog Number	EBT-ELK11232
Supplier Catalog Number	ELK11232
Alternative Catalog Number	EBT-ELK11232-96, EBT-ELK11232-48, EBT-ELK11232-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1600 pg/mL
Range	25-1600 pg/mL
Sensitivity	7.23 pg/mL
UniProt	Q8K3Y7
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity,. 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 Rat VEGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VEGF. 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 Rat VEGF, 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 Rat VEGF in the samples is then determined by comparing the OD of the samples to the standard curve