

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat VEGFR1(Vascular Endothelial Growth Factor Receptor 1) ELISA Kit EBT-ELK6010

Article Name	Rat VEGFR1(Vascular Endothelial Growth Factor Receptor 1) ELISA Kit
Biozol Catalog Number	EBT-ELK6010
Supplier Catalog Number	ELK6010
Alternative Catalog Number	EBT-ELK6010-96, EBT-ELK6010-48, EBT-ELK6010-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
UniProt	P53767
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, 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 VEGFR1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VEGFR1. 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 VEGFR1, 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 VEGFR1 in the samples is then determined by comparing the OD of the samples to the standard curve