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## Product Datasheet

### **EasyStep Rat VEGFR2(Vascular Endothelial Growth Factor Receptor 2) ELISA Kit EBT-ELK083ES**

Article Name	EasyStep Rat VEGFR2(Vascular Endothelial Growth Factor Receptor 2) ELISA Kit
Biozol Catalog Number	EBT-ELK083ES
Supplier Catalog Number	ELK083ES
Alternative Catalog Number	EBT-ELK083ES-96, EBT-ELK083ES-48, EBT-ELK083ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	157.5 pg/mL
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Signal transduction, CD & Adhesion molecule, 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 VEGFR2, and the Rat VEGFR2 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Rat VEGFR2. After TMB substrate solution is added, only those wells that contain Rat VEGFR2 and HRP-conjugated antibody 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 VEGFR2 in the samples is then determined by comparing the OD of the samples to the standard curve