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## Product Datasheet

### **EasyStep Human VEGF165(Vascular Endothelial Growth Factor 165) ELISA Kit EBT-ELK027ES**

Article Name	EasyStep Human VEGF165(Vascular Endothelial Growth Factor 165) ELISA Kit
Biozol Catalog Number	EBT-ELK027ES
Supplier Catalog Number	ELK027ES
Alternative Catalog Number	EBT-ELK027ES-96, EBT-ELK027ES-48, EBT-ELK027ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	15 pg/mL
Samples	Serum, plasma

#### Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Cytokine, 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 Human VEGF165, and the Human VEGF165 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 Human VEGF165. After TMB substrate solution is added, only those wells that contain Human VEGF165 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 Human VEGF165 in the samples is then determined by comparing the OD of the samples to the standard curve