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Product Datasheet

Rat VTN(Vitronectin) ELISA Kit EBT-ELK11167

Article Name	Rat VTN(Vitronectin) ELISA Kit
Biozol Catalog Number	EBT-ELK11167
Supplier Catalog Number	ELK11167
Alternative Catalog Number	EBT-ELK11167-96, EBT-ELK11167-48, EBT-ELK11167-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	200 µg/mL
Range	3.13-200 µg/mL
Sensitivity	0.89 µg/mL
UniProt	Q3KR94
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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