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Product Datasheet

Rat ON(Osteonectin) ELISA Kit EBT-ELK1683

Article Name	Rat ON(Osteonectin) ELISA Kit
Biozol Catalog Number	EBT-ELK1683
Supplier Catalog Number	ELK1683
Alternative Catalog Number	EBT-ELK1683-96, EBT-ELK1683-48, EBT-ELK1683-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.249 ng/mL
UniProt	P16975
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: Metabolic pathway, Tumor immunity, Infection immunity, Hepatology, Bone metabolism, . 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 ON. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ON. 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 ON, 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 ON in the samples is then determined by comparing the OD of the samples to the standard curve