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## Product Datasheet

### Rat SREBP-1C(Sterol Regulatory Element-Binding Protein 1C) ELISA Kit EBT-ELK0117

Article Name	Rat SREBP-1C(Sterol Regulatory Element-Binding Protein 1C) ELISA Kit
Biozol Catalog Number	EBT-ELK0117
Supplier Catalog Number	ELK0117
Alternative Catalog Number	EBT-ELK0117-96, EBT-ELK0117-48, EBT-ELK0117-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	18.3 pg/mL
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: Cardiovascular, Epigenetics and Nuclear Signaling, Cancer, 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 SREBP-1C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SREBP-1C. 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 SREBP-1C, 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 SREBP-1C in the samples is then determined by comparing the OD of the samples to the standard curve