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Product Datasheet

SA(Sialic Acid) ELISA Kit EBT-ELK0424

Article Name	SA(Sialic Acid) ELISA Kit
Biozol Catalog Number	EBT-ELK0424
Supplier Catalog Number	ELK0424
Alternative Catalog Number	EBT-ELK0424-96, EBT-ELK0424-48, EBT-ELK0424-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	5000 µg/mL
Range	78.13-5000 µg/mL
Sensitivity	25.5 µg/mL
Samples	Serum, plasma, other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Signal transduction, Tumor immunity, Hepatology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with SA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to SA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 SA in the samples is then determined by comparing the OD of the samples to the standard curve