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Product Datasheet

IS(serum indoxyl sulfate) ELISA Kit EBT-ELK0782

Article Name	IS(serum indoxyl sulfate) ELISA Kit
Biozol Catalog Number	EBT-ELK0782
Supplier Catalog Number	ELK0782
Alternative Catalog Number	EBT-ELK0782-96, EBT-ELK0782-48, EBT-ELK0782-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	2000 ng/mL
Range	31.25-2000 ng/mL
Sensitivity	17.4 ng/mL
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Kidney diseases. 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 IS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to IS. 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 IS, 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 IS in the samples is then determined by comparing the OD of the samples to the standard curve
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