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Product Datasheet

Rat a1M(Alpha-1-Microglobulin/Bikunin Precursor) ELISA Kit EBT-ELK11139

Article Name	Rat a1M(Alpha-1-Microglobulin/Bikunin Precursor) ELISA Kit
Biozol Catalog Number	EBT-ELK11139
Supplier Catalog Number	ELK11139
Alternative Catalog Number	EBT-ELK11139-96, EBT-ELK11139-48, EBT-ELK11139-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 µg/mL
Range	0.312-20 µg/mL
Sensitivity	0.133 µg/mL
UniProt	Q64240
Samples	Serum, plasma, urine and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Kidney biomarker, . 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 a1M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat a1M. 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 a1M, 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 a1M in the samples is then determined by comparing the OD of the samples to the standard curve