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Product Datasheet

Mouse a1ACT(Alpha-1-Antichymotrypsin) Microsample ELISA Kit EBT-ELK11198MS

Article Name	Mouse a1ACT(Alpha-1-Antichymotrypsin) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK11198MS
Supplier Catalog Number	ELK11198MS
Alternative Catalog Number	EBT-ELK11198MS-96, EBT-ELK11198MS-48, EBT-ELK11198MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	1000 µg/mL
Range	15.63-1000 µg/mL
Sensitivity	5.01 µg/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Infection immunity, Neuro science, Pulmonology, Hepatology, .
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 Mouse α 1ACT.
Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse α 1ACT. 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 Mouse α 1ACT, 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 \pm 10nm. The concentration of Mouse α 1ACT in the samples is then determined by comparing the OD of the samples to the standard curve