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## Product Datasheet

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

Artikelname	Mouse a1ACT(Alpha-1-Antichymotrypsin) Microsample ELISA Kit
Artikelnummer	EBT-ELK11198MS
Hersteller Artikelnummer	ELK11198MS
Alternativnummer	EBT-ELK11198MS-96, EBT-ELK11198MS-48, EBT-ELK11198MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	1000 µg/mL
Detektionsbereich	15.63-1000 µg/mL
Sensitivitaet	5.01 µg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

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 a1ACT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse a1ACT. 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 a1ACT, 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 Mouse a1ACT in the samples is then determined by comparing the OD of the samples to the standard curve