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## Product Datasheet

### **Pig a1AT(Alpha-1-Antitrypsin) ELISA Kit EBT-ELK10006**

Artikelname	Pig a1AT(Alpha-1-Antitrypsin) ELISA Kit
Artikelnummer	EBT-ELK10006
Hersteller Artikelnummer	ELK10006
Alternativnummer	EBT-ELK10006-96, EBT-ELK10006-96X5, EBT-ELK10006-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Porcine
Konzentration	2000 ng/mL
Detektionsbereich	31.25-2000 ng/mL
Sensitivitaet	12.7 ng/mL
UniProt	<a href="#">P50447</a>
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Infection immunity, 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 Pig a1AT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig a1AT. 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 Pig a1AT, 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 Pig a1AT in the samples is then determined by comparing the OD of the samples to the standard curve