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## Product Datasheet

### Human a2M(Alpha-2-Macroglobulin) ELISA Kit EBT-ELK10189

Artikelname	Human a2M(Alpha-2-Macroglobulin) ELISA Kit
Artikelnummer	EBT-ELK10189
Hersteller Artikelnummer	ELK10189
Alternativnummer	EBT-ELK10189-96, EBT-ELK10189-48, EBT-ELK10189-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 µg/mL
Detektionsbereich	1.57-100 µg/mL
Sensitivitaet	0.48 µg/mL
UniProt	<a href="#">P01023</a>
Proben	serum, plasma, urine and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Hematology, . 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 Human a2M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human a2M. 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 Human a2M, 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 Human a2M in the samples is then determined by comparing the OD of the samples to the standard curve