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## Product Datasheet

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

Article Name	Human a2M(Alpha-2-Macroglobulin) ELISA Kit
Biozol Catalog Number	EBT-ELK10189
Supplier Catalog Number	ELK10189
Alternative Catalog Number	EBT-ELK10189-96, EBT-ELK10189-48, EBT-ELK10189-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.48 µg/mL
UniProt	<a href="#">P01023</a>
Samples	serum, plasma, urine and other biological fluids

Application Notes

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