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## Product Datasheet

### Rat Alpha-2-Macroglobulin (a2M) ELISA Kit BYT-ORB2667505

Article Name	Rat Alpha-2-Macroglobulin (a2M) ELISA Kit
Biozol Catalog Number	BYT-ORB2667505
Supplier Catalog Number	orb2667505
Alternative Catalog Number	BYT-ORB2667505-48,BYT-ORB2667505-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Alpha-2-Macroglobulin (a2M) ELISA Kit...
Range	7.82-500 µg/mL
Sensitivity	2.2 µg/mL
UniProt	<a href="#">P06238</a>
Samples	serum, plasma, urine and other biological fluids

Application Notes

Application Notes: standard: 500 µg/mL. 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 Rat a2M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat a2M in the samples is then determined by comparing the OD of the samples to the standard curve