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Product Datasheet

Rat ATG7(Autophagy Related Protein 7) Microsample ELISA Kit BYT-ORB2997353

Article Name	Rat ATG7(Autophagy Related Protein 7) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997353
Supplier Catalog Number	orb2997353
Alternative Catalog Number	BYT-ORB2997353-48,BYT-ORB2997353-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat ATG7(Autophagy Related Protein 7) Microsample ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.053 ng/mL
UniProt	Q641Y5
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: 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 ATG7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ATG7. 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 ATG7, 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 ATG7 in the samples is then determined by comparing the OD of the samples to the standard curve