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## Product Datasheet

### Mouse Autophagy Related Protein 12 (ATG12) ELISA Kit BYT-ORB781978

Article Name	Mouse Autophagy Related Protein 12 (ATG12) ELISA Kit
Biozol Catalog Number	BYT-ORB781978
Supplier Catalog Number	orb781978
Alternative Catalog Number	BYT-ORB781978-48, BYT-ORB781978-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
Product Description	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 Autophagy Related Protein 12(ATG12)....
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	13.3 pg/mL
UniProt	<a href="#">Q9CQY1</a>
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 2000 pg/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 Mouse ATG12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ATG12. 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 Mouse ATG12, 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 Mouse ATG12 in the samples is then determined by comparing the OD of the samples to the standard curve