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## Product Datasheet

### Mouse HeatShock Protein 70 (HSP-70/HSPA9) ELISA Kit BYT-ORB781508

Article Name	Mouse HeatShock Protein 70 (HSP-70/HSPA9) ELISA Kit
Biozol Catalog Number	BYT-ORB781508
Supplier Catalog Number	orb781508
Alternative Catalog Number	BYT-ORB781508-48, BYT-ORB781508-96
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 Heat Shock Protein 70(HSP70)....
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.33 ng/mL
UniProt	<a href="#">P38647</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 200 ng/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 HSP-70/HSPA9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse HSP-70/HSPA9. 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 HSP-70/HSPA9, 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 HSP-70/HSPA9 in the samples is then determined by comparing the OD of the samples to the standard curve