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Product Datasheet

Mouse Calpain 10 (CAPN10) ELISA Kit BYT-ORB780827

Article Name	Mouse Calpain 10 (CAPN10) ELISA Kit
Biozol Catalog Number	BYT-ORB780827
Supplier Catalog Number	orb780827
Alternative Catalog Number	BYT-ORB780827-48, BYT-ORB780827-96
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 Calpain 10(CAPN10)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.103 ng/mL
UniProt	Q9ESK3
Samples	Tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 20 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 CAPN10. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CAPN10. 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 CAPN10, 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 CAPN10 in the samples is then determined by comparing the OD of the samples to the standard curve