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Product Datasheet

Mouse Somatostatin (SST) ELISA Kit BYT-ORB782035

Article Name	Mouse Somatostatin (SST) ELISA Kit
Biozol Catalog Number	BYT-ORB782035
Supplier Catalog Number	orb782035
Alternative Catalog Number	BYT-ORB782035-48, BYT-ORB782035-96
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 Somatostatin(SST)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	3.2 pg/mL
UniProt	P60041
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

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