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Product Datasheet

Rat S100 Calcium Binding Protein B (S100B) ELISA Kit BYT-ORB776477

Article Name	Rat S100 Calcium Binding Protein B (S100B) ELISA Kit
Biozol Catalog Number	BYT-ORB776477
Supplier Catalog Number	orb776477
Alternative Catalog Number	BYT-ORB776477-48, BYT-ORB776477-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
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 S100 Calcium Binding Protein B(S100B)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	3 pg/mL
UniProt	P04631
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 Rat S100B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat S100B. 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 S100B, 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 S100B in the samples is then determined by comparing the OD of the samples to the standard curve