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Product Datasheet

Rat SOX9(Sex Determining Region Y Box Protein 9) ELISA Kit BYT-ORB3126851

Article Name	Rat SOX9(Sex Determining Region Y Box Protein 9) ELISA Kit
Biozol Catalog Number	BYT-ORB3126851
Supplier Catalog Number	orb3126851
Alternative Catalog Number	BYT-ORB3126851-48, BYT-ORB3126851-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat SOX9(Sex Determining Region Y Box Protein 9) ELISA Kit...
Range	15.63-1000 pg/mL
Sensitivity	6.1 pg/mL
UniProt	F1LYL9
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: 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 SOX9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SOX9. 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 SOX9, 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 SOX9 in the samples is then determined by comparing the OD of the samples to the standard curve