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Product Datasheet

Mouse Regenerating Islet Derived Protein 4 (REG4) ELISA Kit BYT-ORB776243

Article Name	Mouse Regenerating Islet Derived Protein 4 (REG4) ELISA Kit
Biozol Catalog Number	BYT-ORB776243
Supplier Catalog Number	orb776243
Alternative Catalog Number	BYT-ORB776243-48, BYT-ORB776243-96
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 Regenerating Islet Derived Protein 4(REG4)....
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	17.53 pg/mL
UniProt	Q9D8G5
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 3000 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 REG4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse REG4. 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 REG4, 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 REG4 in the samples is then determined by comparing the OD of the samples to the standard curve