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## Product Datasheet

### Mouse Regenerating Islet Derived Protein 3 Alpha (REG3a) ELISA Kit BYT-ORB2667536

Article Name	Mouse Regenerating Islet Derived Protein 3 Alpha (REG3a) ELISA Kit
Biozol Catalog Number	BYT-ORB2667536
Supplier Catalog Number	orb2667536
Alternative Catalog Number	BYT-ORB2667536-48,BYT-ORB2667536-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Regenerating Islet Derived Protein 3 Alpha (REG3a) ELISA Kit...
Range	0.32-20 ng/mL
Sensitivity	0.11 ng/mL
UniProt	<a href="#">O09037</a>
Samples	serum, plasma 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 REG3a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse REG3a. 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 REG3a, 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 REG3a in the samples is then determined by comparing the OD of the samples to the standard curve