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## Product Datasheet

### Simian GAD1(Glutamate Decarboxylase 1, Brain) ELISA Kit BYT-ORB3126881

Article Name	Simian GAD1(Glutamate Decarboxylase 1, Brain) ELISA Kit
Biozol Catalog Number	BYT-ORB3126881
Supplier Catalog Number	orb3126881
Alternative Catalog Number	BYT-ORB3126881-48, BYT-ORB3126881-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian GAD1(Glutamate Decarboxylase 1, Brain) ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
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 Simian GAD1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian GAD1. 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 Simian GAD1, 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 Simian GAD1 in the samples is then determined by comparing the OD of the samples to the standard curve