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Product Datasheet

Simian GROa/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit BYT-ORB3127075

Article Name	Simian GROa/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit
Biozol Catalog Number	BYT-ORB3127075
Supplier Catalog Number	orb3127075
Alternative Catalog Number	BYT-ORB3127075-48, BYT-ORB3127075-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian GROa/CXCL1(Growth Regulated Oncogene Alpha) ELISA Kit...
Range	15.63-1000 pg/mL
Sensitivity	5.8 pg/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 GROa/CXCL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian GROa/CXCL1. 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 GROa/CXCL1, 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 GROa/CXCL1 in the samples is then determined by comparing the OD of the samples to the standard curve