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## Product Datasheet

### Simian C4(Complement Component 4) ELISA Kit BYT-ORB3126873

Article Name	Simian C4(Complement Component 4) ELISA Kit
Biozol Catalog Number	BYT-ORB3126873
Supplier Catalog Number	orb3126873
Alternative Catalog Number	BYT-ORB3126873-48, BYT-ORB3126873-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian C4(Complement Component 4) ELISA Kit...
Range	7.82-500 µg/mL
Sensitivity	2.25 µg/mL
Samples	Serum, plasma 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 C4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian C4. 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 C4, 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 C4 in the samples is then determined by comparing the OD of the samples to the standard curve