

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Simian COB(Cytochrome b) ELISA Kit BYT-ORB3126967

Article Name	Simian COB(Cytochrome b) ELISA Kit
Biozol Catalog Number	BYT-ORB3126967
Supplier Catalog Number	orb3126967
Alternative Catalog Number	BYT-ORB3126967-48, BYT-ORB3126967-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian COB(Cytochrome b) ELISA Kit...
Range	0.79-50 ng/mL
Sensitivity	0.27 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 COB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian COB. 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 COB, 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 COB in the samples is then determined by comparing the OD of the samples to the standard curve