

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

Product Datasheet

Simian HMGB-1(High Mobility Group Protein B1) ELISA Kit BYT-ORB3126989

Article Name	Simian HMGB-1(High Mobility Group Protein B1) ELISA Kit
Biozol Catalog Number	BYT-ORB3126989
Supplier Catalog Number	orb3126989
Alternative Catalog Number	BYT-ORB3126989-48, BYT-ORB3126989-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian HMGB-1(High Mobility Group Protein B1) ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/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 HMGB-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian HMGB-1. 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 HMGB-1, 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 HMGB-1 in the samples is then determined by comparing the OD of the samples to the standard curve