

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

Product Datasheet

Simian EPO(Erythropoietin) ELISA Kit EBT-ELK7913

Article Name	Simian EPO(Erythropoietin) ELISA Kit
Biozol Catalog Number	EBT-ELK7913
Supplier Catalog Number	ELK7913
Alternative Catalog Number	EBT-ELK7913-96,EBT-ELK7913-48,EBT-ELK7913-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Primate
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	20.25 pg/mL
UniProt	P07865
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Endocrinology, Hematology, Hormone metabolism,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Simian EPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian EPO. 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 EPO, 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 EPO in the samples is then determined by comparing the OD of the samples to the standard curve