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Product Datasheet

Cat EPO(Erythropoietin) ELISA Kit BYT-ORB3126852

Article Name	Cat EPO(Erythropoietin) ELISA Kit
Biozol Catalog Number	BYT-ORB3126852
Supplier Catalog Number	orb3126852
Alternative Catalog Number	BYT-ORB3126852-48, BYT-ORB3126852-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Feline
Product Description	Cat EPO(Erythropoietin) ELISA Kit...
Range	46.88-3000 pg/mL
Sensitivity	18.4 pg/mL
UniProt	P33708
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 Cat EPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cat 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 Cat 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 Cat EPO in the samples is then determined by comparing the OD of the samples to the standard curve