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Product Datasheet

Pig EPO(Erythropoietin) ELISA Kit EBT-ELK5793

Article Name	Pig EPO(Erythropoietin) ELISA Kit
Biozol Catalog Number	EBT-ELK5793
Supplier Catalog Number	ELK5793
Alternative Catalog Number	EBT-ELK5793-96, EBT-ELK5793-48, EBT-ELK5793-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	13.2 pg/mL
UniProt	P49157
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 pre-coated with an antibody specific to Pig EPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig EPO in the samples is then determined by comparing the OD of the samples to the standard curve