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Product Datasheet

Rat EPOR(Erythropoietin Receptor) ELISA Kit EBT-ELK2481

Article Name	Rat EPOR(Erythropoietin Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK2481
Supplier Catalog Number	ELK2481
Alternative Catalog Number	EBT-ELK2481-96, EBT-ELK2481-48, EBT-ELK2481-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	28.4 pg/mL
UniProt	Q07303
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Hematology,. 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 Rat EPOR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat EPOR. 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 Rat EPOR, 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 Rat EPOR in the samples is then determined by comparing the OD of the samples to the standard curve