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Product Datasheet

Pig GHR(Growth Hormone Receptor) ELISA Kit EBT-ELK8272

Article Name	Pig GHR(Growth Hormone Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK8272
Supplier Catalog Number	ELK8272
Alternative Catalog Number	EBT-ELK8272-96,EBT-ELK8272-48,EBT-ELK8272-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	P19756
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

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