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Product Datasheet

Pig RBP4(Retinol Binding Protein 4, Plasma) ELISA Kit EBT-ELK11181

Article Name	Pig RBP4(Retinol Binding Protein 4, Plasma) ELISA Kit
Biozol Catalog Number	EBT-ELK11181
Supplier Catalog Number	ELK11181
Alternative Catalog Number	EBT-ELK11181-96, EBT-ELK11181-48, EBT-ELK11181-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	50 µg/mL
Range	0.78-50 µg/mL
Sensitivity	0.31 µg/mL
UniProt	P27485
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, 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 pre-coated with an antibody specific to Pig RBP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig RBP4. 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 RBP4, 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 RBP4 in the samples is then determined by comparing the OD of the samples to the standard curve