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Product Datasheet

Pig AGC(Aggrecan) ELISA Kit EBT-ELK11041

Article Name	Pig AGC(Aggrecan) ELISA Kit
Biozol Catalog Number	EBT-ELK11041
Supplier Catalog Number	ELK11041
Alternative Catalog Number	EBT-ELK11041-96, EBT-ELK11041-48, EBT-ELK11041-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	20 µg/mL
Range	0.32-20 µg/mL
Sensitivity	0.132 µg/mL
UniProt	Q29011
Samples	serum, plasma and other biological fluids

Application Notes

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