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Product Datasheet

Chicken OC(Osteocalcin) ELISA Kit EBT-ELK10607

Article Name	Chicken OC(Osteocalcin) ELISA Kit
Biozol Catalog Number	EBT-ELK10607
Supplier Catalog Number	ELK10607
Alternative Catalog Number	EBT-ELK10607-96, EBT-ELK10607-48, EBT-ELK10607-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
UniProt	P02822
Samples	Serum, plasma and other biological fluids.

Application Notes

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