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## Product Datasheet

### Chicken OPG(Osteoprotegerin) ELISA Kit EBT-ELK5074

Article Name	Chicken OPG(Osteoprotegerin) ELISA Kit
Biozol Catalog Number	EBT-ELK5074
Supplier Catalog Number	ELK5074
Alternative Catalog Number	EBT-ELK5074-96, EBT-ELK5074-48, EBT-ELK5074-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.053 ng/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

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