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Product Datasheet

Chicken BMP4(Bone Morphogenetic Protein 4) ELISA Kit EBT-ELK2915

Article Name	Chicken BMP4(Bone Morphogenetic Protein 4) ELISA Kit
Biozol Catalog Number	EBT-ELK2915
Supplier Catalog Number	ELK2915
Alternative Catalog Number	EBT-ELK2915-96, EBT-ELK2915-48, EBT-ELK2915-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.2 pg/mL
UniProt	Q90752
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Developmental science, 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 BMP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken BMP4. 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 BMP4, 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 BMP4 in the samples is then determined by comparing the OD of the samples to the standard curve