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## Product Datasheet

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

Artikelname	Chicken BMP4(Bone Morphogenetic Protein 4) ELISA Kit
Artikelnummer	EBT-ELK2915
Hersteller Artikelnummer	ELK2915
Alternativnummer	EBT-ELK2915-96, EBT-ELK2915-48, EBT-ELK2915-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Gallus
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	12.2 pg/mL
UniProt	<a href="#">Q90752</a>
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

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