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## Product Datasheet

### Chicken IFN $\beta$ (Interferon Beta) ELISA Kit EBT-ELK2124

Artikelname	Chicken IFN $\beta$ (Interferon Beta) ELISA Kit
Artikelnummer	EBT-ELK2124
Hersteller Artikelnummer	ELK2124
Alternativnummer	EBT-ELK2124-96, EBT-ELK2124-48, EBT-ELK2124-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Gallus
Konzentration	200 pg/mL
Detektionsbereich	3.13-200 pg/mL
Sensitivitaet	1.24 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Tumor immunity, Infection immunity, . 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 IFN $\beta$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken IFN $\beta$ . 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 IFN $\beta$ , 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  $\pm$  10nm. The concentration of Chicken IFN $\beta$  in the samples is then determined by comparing the OD of the samples to the standard curve