

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Chicken IFN β (Interferon Beta) ELISA Kit EBT-ELK2124

Article Name	Chicken IFN β (Interferon Beta) ELISA Kit
Biozol Catalog Number	EBT-ELK2124
Supplier Catalog Number	ELK2124
Alternative Catalog Number	EBT-ELK2124-96, EBT-ELK2124-48, EBT-ELK2124-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	200 pg/mL
Range	3.13-200 pg/mL
Sensitivity	1.24 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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 γ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken IFN γ . 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 γ , 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 γ in the samples is then determined by comparing the OD of the samples to the standard curve