

## Chicken Interferon beta1b ELISA Kit | IFN beta1b elisa kit

Chicken Interferon beta1b ELISA Kit

CATALOG #  
**AAA245817**

REACTIVITY  
**Chicken**

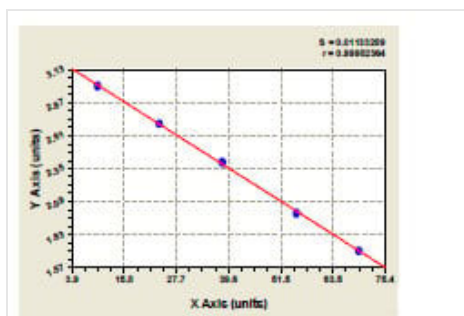
### PRODUCT SYNONYMS

Interferon beta1b; Chicken Interferon beta1b ELISA Kit; Chicken Interferon b1b ELISA Kit; IFN beta1b elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IFN beta1b elisa kit

**Intended Uses:** This IFNbeta1b ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IFNbeta1b. This ELISA kit for research use only!

**Principle of the Assay:** IFNbeta1b ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFNbeta1b antibody and an IFNbeta1b-HRP conjugate. The assay sample and buffer are incubated together with IFNbeta1b-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IFNbeta1b concentration since IFNbeta1b from samples and IFNbeta1b-HRP conjugate compete for the anti-IFNbeta1b antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNbeta1b from the sample, fewer sites are left to bind IFNbeta1b-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNbeta1b concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for IFN beta1b elisa kit

Neuroscience

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ifn-beta1b-chicken-elisa-kits/interferon-beta1b/245817>