

# Monkey anti-Interferon beta IgG antibody ELISA Kit | IFNbeta IgG-AB elisa kit

Monkey anti-Interferon beta IgG antibody ELISA Kit

CATALOG #  
**AAA247737**

REACTIVITY  
**Monkey**

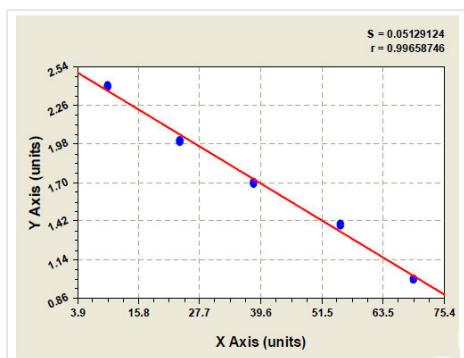
## PRODUCT SYNONYMS

anti-Interferon beta IgG antibody; Monkey anti-Interferon beta IgG antibody ELISA Kit; IFNbeta IgG-AB elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of IFN-beta IgG-Ab. No significant cross-reactivity or interference between IFN-beta IgG-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IFN-beta IgG-Ab and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                                                  |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                                                |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Intra-Assay             | CV<10%                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Inter-Assay             | CV<15%                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                       |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| <b>Related Product Information for IFNbeta IgG-AB elisa kit</b> | <p>Principle of the Assay: IFN-beta IgG-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a IFN-beta IgG antigen and an IFN-beta IgG-Ab-HRP conjugate. The assay sample and buffer are incubated together with IFN-beta IgG-Ab-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 IFN-beta IgG-Ab concentration since IFN-beta IgG-Ab from samples and IFN-beta IgG-Ab-HRP conjugate compete for the IFN-beta IgG antigen binding site. Since the number of sites is limited, as more sites are occupied by IFN-beta IgG-Ab from the sample, fewer sites are left to bind IFN-beta IgG-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFN-beta IgG-Ab concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This IFN-beta IgG-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IFN-beta IgG-Ab. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
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**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://stage.aaabiotech.com/ifnbeta-igg-ab-monkey-elisa-kits/anti-interferon-beta-igg-antibody/247737>