

## Pig IFN $\gamma$ (Interferon Gamma) ELISA Kit | IFN $\gamma$ elisa kit

Pig IFN $\gamma$  (Interferon Gamma) ELISA Kit

CATALOG #  
**AAA27987**

REACTIVITY  
**Pig**

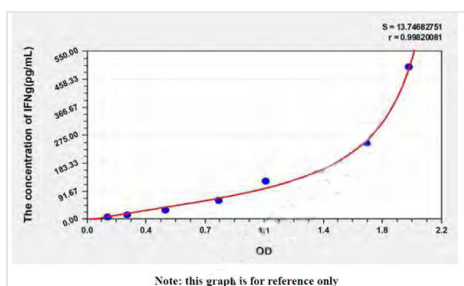
### PRODUCT SYNONYMS

IFN $\gamma$  (Interferon Gamma); Pig IFN $\gamma$  (Interferon Gamma) ELISA Kit; IFN gamma; IFN-G; IFG; IFI; INFr; IFN; Immune Interferon; IFN $\gamma$  elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Pig IFN $\gamma$ . No significant cross-reactivity or interference between Pig IFN $\gamma$ and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                                           |
| Detection Range         | 7.82-500 pg/mL                                                                                                                                                                                     |
| Sensitivity             | 2.8 pg/mL                                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)?CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.                              |
| Inter-assay Precision   | Inter-assay Precision (precision between assays)?CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                             |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IFN $\gamma$ elisa kit

Principle of the Assay: 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 Pig IFN $\gamma$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig IFN $\gamma$ . 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 Pig IFN $\gamma$ , 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 Pig IFN $\gamma$  in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for IFN $\gamma$ elisa kit

Cytokine; Infection immunity

**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/pig-elisa-kits/ifng-interferon-gamma/27987>