

## Pig Interferon beta, IFN-beta/IFNB ELISA Kit | IFN-beta/IFNB elisa kit

Pig Interferon beta, IFN-beta/IFNB ELISA Kit

|                              |                          |
|------------------------------|--------------------------|
| CATALOG #<br><b>AAA15383</b> | REACTIVITY<br><b>Pig</b> |
|------------------------------|--------------------------|

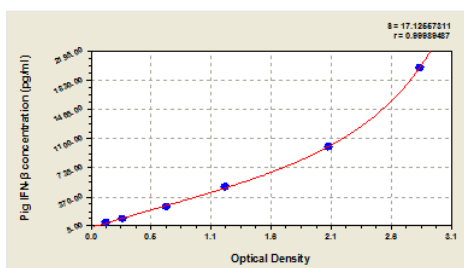
### PRODUCT SYNONYMS

Interferon beta; IFN-beta/IFNB; Pig Interferon beta; IFN-beta/IFNB ELISA Kit; IFN-beta/IFNB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of pig IFN-beta. No significant cross-reactivity or interference between pig IFN-beta and analogues was observed. |
| Sequence Length         | 187                                                                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                     |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                           |
| Detection Range         | 50 pg/ml-2000 pg/ml                                                                                                                                                                       |
| Sensitivity             | < 25 pg/ml                                                                                                                                                                                |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.                                         |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.                                                   |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IFN-beta/IFNB elisa kit

**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFN-beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for IFN-beta. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFN-beta bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 4504603                                          |
| NCBI GeneID                      | 3456                                             |
| NCBI Accession #                 | NP_002167.1                                      |
| NCBI GenBank Nucleotide #        | NM_002176.2                                      |
| UniProt Accession #              | P01574; Q5VWC9                                   |
| Molecular Weight                 | 22,294 Da                                        |
| NCBI Official Full Name          | interferon beta                                  |
| NCBI Official Synonym Full Names | interferon, beta 1, fibroblast                   |
| NCBI Official Symbol             | IFNB1                                            |
| NCBI Official Synonym Symbols    | IFB; IFF; IFNB                                   |
| NCBI Protein Information         | interferon beta; IFN-beta; fibroblast interferon |
| UniProt Protein Name             | Interferon beta                                  |
| UniProt Gene Name                | <b>IFNB1</b>                                     |
| UniProt Synonym Gene Names       | IFB; IFNB; IFN-beta                              |
| UniProt Entry Name               | IFNB_HUMAN                                       |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/pig-elisa-kits/interferon-beta-ifn-beta-ifnb/15383>