

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

Human Interferon beta, IFN-beta/IFNB ELISA Kit

CATALOG #  
**AAA41273**

REACTIVITY  
**Human**

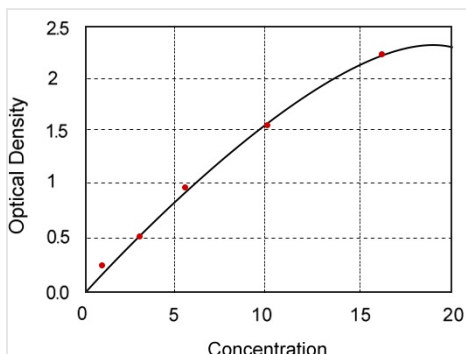
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 187                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 10ng/L - 2000ng/L                                                        |
| Sensitivity             | 5.01ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

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

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Interferon Beta (also known as IFN-B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IFN-B antibody. IFN-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IFN-B Antibody is added and binds to IFN-B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IFN-B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IFN-B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                          |
|----------------------------------|--------------------------|
| NCBI GI #                        | 4504603                  |
| NCBI GeneID                      | 3456                     |
| NCBI Accession #                 | NP_002167.1              |
| NCBI GenBank Nucleotide #        | NM_002176.3              |
| UniProt Accession #              | P01574; Q5VWC9           |
| Molecular Weight                 | 22,294 Da                |
| NCBI Official Full Name          | interferon beta          |
| NCBI Official Synonym Full Names | interferon beta 1        |
| NCBI Official Symbol             | IFNB1                    |
| NCBI Official Synonym Symbols    | IFB; IFF; IFNB; IFN-beta |
| NCBI Protein Information         | interferon beta          |
| UniProt Protein Name             | Interferon beta          |
| UniProt Gene Name                | IFNB1                    |
| UniProt Synonym Gene Names       | IFB; IFNB; IFN-beta      |

**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/human-elisa-kits/interferon-beta-ifn-beta-ifnb/41273>