

# Product Datasheet

## Human IFN-gamma ELISA Kit (Colorimetric) NBP1-91174

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-91174](http://www.novusbio.com/NBP1-91174)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-91174](http://www.novusbio.com/reviews/destination/NBP1-91174)

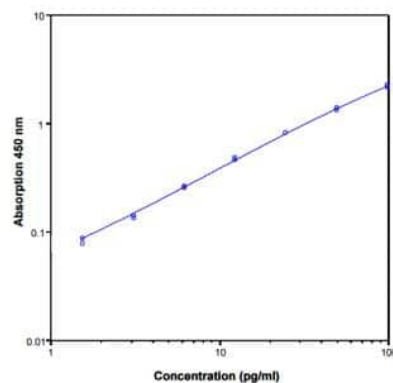


**NBP1-91174****Human IFN-gamma ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 96 Tests   |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.   |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.  |
| <b>Buffer</b>                      |  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | The human IFN-gamma ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human IFN-gamma.   |
| <b>Gene ID</b>                     | 3458   |
| <b>Gene Symbol</b>                 | IFNG   |
| <b>Species</b>                     | Human  |
| <b>Specificity/Sensitivity</b>     | The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IFN gamma positive serum. There was no crossreactivity detected.  |
| <b>Kit Components</b>              | Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human IFN-gamma, Biotin-Conjugate anti-human IFN-gamma monoclonal antibody, Streptavidin-HRP, Human IFN-gamma Standard lyophilized, 200 ng/mL upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution, Stop Solution (1M Phosphoric acid), Adhesive Films, * reagent contains ethyl alcohol |
| <b>Standard Curve Range</b>        | 1.6 - 100 pg/mL  |
| <b>Sensitivity</b>                 | 0.99 pg/mL   |
| <b>Inter Assay</b>                 | CV% < 5.70%  |
| <b>Intra Assay</b>                 | CV% < 4.50%  |
| <b>Assay Type</b>                  | Sandwich ELISA   |
| <b>Spiking Recovery</b>            | The recovery ranged from 88% to 112% with an overall mean recovery of 97%. Please see protocol for more specific Spike Recovery details.   |
| <b>Suitable Sample Type</b>        | Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), buffered solution  |
| <b>Sample Volume</b>               | 50 uL  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | ELISA  |
| <b>Recommended Dilutions</b>       | ELISA  |

## Images

ELISA: IFN-gamma ELISA Kit [NBP1-91174] - Standard curve



## Publications

Cui R, Rekasi H, Hepner-Schefczyk M et al. Human mesenchymal stromal/stem cells acquire immunostimulatory capacity upon cross-talk with natural killer cells and might improve the NK cell function of immunocompromised patients Stem Cell Res Ther 2016-07-08 [PMID: 27388156] (ELISA, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-91174**

---

|                  |                                     |
|------------------|-------------------------------------|
| NBP2-34992-100ug | Recombinant Human IFN-gamma Protein |
| 210-TA-005       | TNF-alpha [Unconjugated]            |
| 285-IF-100       | IFN-gamma [Unconjugated]            |
| M6000B-1         | IL-6 [HRP]                          |

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-91174](http://www.novusbio.com/reviews/submit/NBP1-91174)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

