

# Product Datasheet

## Rat IFN-gamma ELISA Kit (Colorimetric) NBP1-92680

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)

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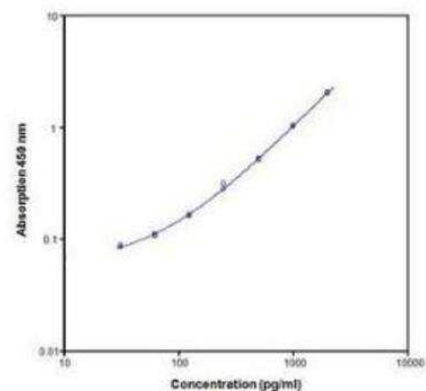


**NBP1-92680****Rat IFN-gamma ELISA Kit (Colorimetric)**

<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>Product Description</b>	
<b>Description</b>	The rat IFN-gamma ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of rat IFN-gamma
<b>Gene ID</b>	3458
<b>Gene Symbol</b>	IFNG
<b>Species</b>	Rat
<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 rat 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 rat IFN-gamma, Biotin-Conjugate anti-rat IFN-gamma monoclonal antibody, Streptavidin-HRP, Rat IFN-gamma Standard lyophilized, 4 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 (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
<b>Standard Curve Range</b>	31.3 - 2,000 pg/mL
<b>Sensitivity</b>	9.9 pg/mL
<b>Inter Assay</b>	CV% < 10%
<b>Intra Assay</b>	CV% < 5.0%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	Refer to manual
<b>Suitable Sample Type</b>	Cell culture supernatant, serum
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Interferon gamma ELISA Kit 96Tests [NBP1-92680]



## Publications

Qu Z, Li M, An R et al. Self-assembled BPIV3 nanoparticles can induce comprehensive immune responses and protection against BPIV3 challenge by inducing dendritic cell maturation in mice *Veterinary Microbiology* 2022-03-01 [PMID: 35395543] (ELISA)

He J, Li Z, Yu T et al. In Vitro and In Vivo biocompatibility study on acellular sheep periosteum for guided bone regeneration *Biomed. Mater.* 2019-11-20 [PMID: 31747647]



### **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 NBP1-92680**

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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]

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### **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.

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