

# Product Datasheet

## Human IL-12 p70/IL-12A ELISA Kit (Colorimetric) NBP1-91183

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

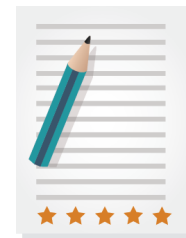
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-91183](http://www.novusbio.com/NBP1-91183)

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/NBP1-91183](http://www.novusbio.com/reviews/destination/NBP1-91183)

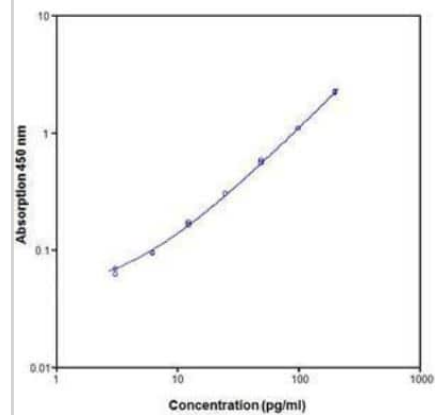


**NBP1-91183****Human IL-12 p70/IL-12A ELISA Kit (Colorimetric)**

<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 human IL-12 p70 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human IL-12 p70
<b>Gene ID</b>	3592
<b>Gene Symbol</b>	IL12A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The cross reactivity and interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IL-12p70 positive sample. There was no cross reactivity or interference detected.
<b>Kit Components</b>	1 aluminum pouch with a Microwell Plate (12 strips with 8 wells each) coated with monoclonal antibody to human IL-12 p70/IL-12A, 1 vial (70 µL) Biotin-Conjugate anti-human IL-12 p70/IL-12A monoclonal antibody, 1 vial (150 µL) Streptavidin-HRP, 1 vial Control high (lyophilized), 2 vials human IL-12 p70/IL-12A Standard lyophilized (400 pg/mL upon reconstitution), 1 vial Control low (lyophilized), 1 vial (12 mL) Sample Diluent, 1 vial (5 mL) Assay Buffer Concentrate 20x (PBS with 1% Tween 20 10% BSA), 1 bottle (50 mL) Wash Buffer Concentrate 20x (PBS with 1% Tween 20), 1 vial (15 mL) Substrate Solution (tetramethyl-benzidine), 1 vial (15 mL) Stop Solution (1M Phosphoric acid), 4 Adhesive Films
<b>Standard Curve Range</b>	3.1 - 200 pg/mL
<b>Sensitivity</b>	2.1 pg/mL
<b>Inter Assay</b>	CV% < 4.80%
<b>Intra Assay</b>	CV% < 3.00%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	The recovery ranged from 79% to 118% with an overall mean recovery of 103%. 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: Human IL-12 p70/IL-12A ELISA Kit (Colorimetric) [NBP1-91183]  
- Data for Human IL-12 (p70) ELISA Kit



## Publications

Zhang R, Yuan F, Shu Y Personalized neoantigen-pulsed dendritic cell vaccines show superior immunogenicity to neoantigen-adjuvant vaccines in mouse tumor models *Cancer Immunol. Immunother.* 2019-12-05 [PMID: 31807878] (ELISA, Mouse)



### **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 NBP1-91183**

---

210-TA-005	TNF-alpha [Unconjugated]
M1270-1	IL-12 p70/IL-12A [HRP]
285-IF-100	IFN-gamma [Unconjugated]
AF835	Caspase-3 Antibody [Unconjugated] - Active

---

### **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/NBP1-91183](http://www.novusbio.com/reviews/submit/NBP1-91183)

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

