

# Product Datasheet

## Mouse CXCL10/IP-10/CRG-2 ELISA Kit (Colorimetric) NBP1-92665

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: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-92665](http://www.novusbio.com/NBP1-92665)

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/NBP1-92665](http://www.novusbio.com/reviews/destination/NBP1-92665)

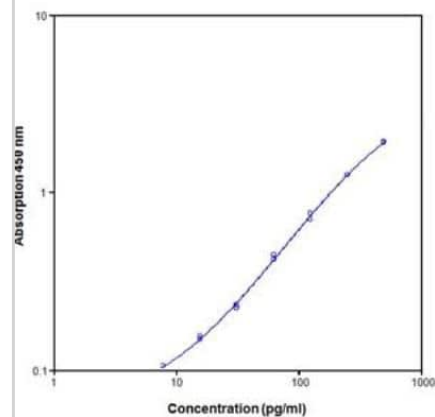


**NBP1-92665****Mouse CXCL10/IP-10/CRG-2 ELISA Kit (Colorimetric)**

<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>	This kit is an enzyme-linked immunosorbent assay for quantitative detection.
<b>Gene ID</b>	3627
<b>Gene Symbol</b>	CXCL10
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	The assay detects both natural and recombinant mouse IP-10. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations. There was no crossreactivity detected.
<b>Kit Components</b>	Aluminium pouch(es) with a Microwell Plate coated with polyclonal antibody to mouse IP-10, Biotin-Conjugate anti-mouse IP-10 polyclonal antibody, Streptavidin-HRP, Mouse IP-10 Standard lyophilized, 1000 pg/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>	7.8 - 500 pg/mL
<b>Sensitivity</b>	6.5 pg/mL
<b>Inter Assay</b>	CV% < 7.20%
<b>Intra Assay</b>	CV% < 8.40%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	The unspiked cell culture supernatant was used as blank in these experiments. The recovery ranged from 55% to 118% with an overall mean recovery of 90%.
<b>Suitable Sample Type</b>	Cell culture supernatant, serum, plasma (EDTA, citrate), buffered solution
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

Mouse CXCL10/IP-10/CRG-2 ELISA Kit [NBP1-92665] - Data for Mouse IP-10 Platinum ELISA



## Publications

Lee H, Noh J, Song J et al. Metformin reduces the risk of developing influenza A virus related cardiovascular disease *Heliyon* 2023-09-01 [PMID: 37810823] (ELISA)

Oikawa D, Sato Y, Ohtake F et al. Molecular bases for HOIPINs-mediated inhibition of LUBAC and innate immune responses *Communications biology* 2020-04-23 [PMID: 32246052] (ELISA)

Noman M, Parpal S, Van Moer K et al. Inhibition of Vps34 reprograms cold into hot inflamed tumors and improves antiPD-1/PD-L1 immunotherapy *Sci. Adv.* 2020-05-01 [PMID: 32494661] (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 NBP1-92665**

---

NBP2-35259-5ug	Recombinant Rat CXCL10/IP-10/CRG-2 Protein
210-TA-005	TNF-alpha [Unconjugated]
DIP100	CXCL10/IP-10/CRG-2 [HRP]
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/NBP1-92665](http://www.novusbio.com/reviews/submit/NBP1-92665)

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

