

# Product Datasheet

## Canine Insulin ELISA Kit (Colorimetric) NBP3-42746

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-42746](http://www.novusbio.com/NBP3-42746)

Updated 11/14/2024 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/NBP3-42746](http://www.novusbio.com/reviews/destination/NBP3-42746)



**NBP3-42746****Canine Insulin ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 1 Kit                                                                                                                                                                                                                                                            |
| <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>                 | Assay time: 3 hours                                                                                                                                                                                                                                              |
| <b>Gene ID</b>                     | 3630                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | INS                                                                                                                                                                                                                                                              |
| <b>Species</b>                     | Canine                                                                                                                                                                                                                                                           |
| <b>Kit Components</b>              | Pre-coated ready to use 96-well strip plate, Plate sealer for 96 wells, Standard, Standard Diluent, Detection Reagent A, Assay Diluent A, Detection Reagent B, Assay Diluent B, TMB Substrate, Stop Solution, Wash Buffer (30 x concentrate), Instruction manual |
| <b>Standard Curve Range</b>        | 0.156 - 10 ng/mL                                                                                                                                                                                                                                                 |
| <b>Sensitivity</b>                 | 0.057 ng/mL                                                                                                                                                                                                                                                      |
| <b>Inter Assay</b>                 | %CV < 12                                                                                                                                                                                                                                                         |
| <b>Intra Assay</b>                 | %CV < 10                                                                                                                                                                                                                                                         |
| <b>Assay Type</b>                  | Sandwich ELISA                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | 79 - 94%                                                                                                                                                                                                                                                         |
| <b>Suitable Sample Type</b>        | Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids                                                                                                                                                             |
| <b>Sample Volume</b>               | 100 uL                                                                                                                                                                                                                                                           |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                            |





### **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 NBP3-42746**

---

|               |                                          |
|---------------|------------------------------------------|
| NBP1-87485PEP | Insulin Recombinant Protein Antigen      |
| 236-EG-200    | EGF [Unconjugated]                       |
| MAB1417       | Insulin Antibody (182410) [Unconjugated] |
| 210-TA-005    | TNF-alpha [Unconjugated]                 |

---

### **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/NBP3-42746](http://www.novusbio.com/reviews/submit/NBP3-42746)

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

