

# Product Datasheet

## Mouse Choline Acetyltransferase/ChAT - Ready-to-Use ELISA Kit (Colorimetric) NBP3-54639

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/NBP3-54639](http://www.novusbio.com/NBP3-54639)

Updated 6/30/2026 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/NBP3-54639](http://www.novusbio.com/reviews/destination/NBP3-54639)



**NBP3-54639****Mouse Choline Acetyltransferase/ChAT - Ready-to-Use 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>                 | The Ready-To-Use ELISA kit offers pre-diluted detection reagents and a shorter experimental time.<br>Assay Length: 3 hours  |
| <b>Gene ID</b>                     | 1103  |
| <b>Gene Symbol</b>                 | CHAT  |
| <b>Species</b>                     | Mouse   |
| <b>Kit Components</b>              | Pre-coated 96T strip plate, Plate sealer for 96 wells, Standard, Standard Diluent, Detection Solution A, Detection Solution B, TMB Substrate, Stop Solution, Wash Buffer (30 x concentrate), Instruction manual |
| <b>Standard Curve Range</b>        | 1.56 - 100 ng/mL (example only; lot dependent)  |
| <b>Sensitivity</b>                 | 0.53 ng/mL (example only; lot dependent)  |
| <b>Inter Assay</b>                 | %CV < 12 (example only; lot dependent)  |
| <b>Intra Assay</b>                 | %CV < 10 (example only; lot dependent)  |
| <b>Assay Type</b>                  | Sandwich ELISA  |
| <b>Suitable Sample Type</b>        | Tissue homogenates, cell lysates 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 NBP3-54639**

---

|                    |   |
|--------------------|---|
| H00001103-Q01-10ug | Recombinant Human Choline Acetyltransferase/ChAT GST (N-Term) Protein |
| NB300-109          | Tyrosine Hydroxylase Antibody - Azide Free                            |
| NBP1-30052         | Choline Acetyltransferase/ChAT Antibody                               |
| DBD00              | BDNF [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/NBP3-54639](http://www.novusbio.com/reviews/submit/NBP3-54639)

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

