

# Product Datasheet

## Acetylcholinesterase/ACHE Assay Kit (Fluorometric) KA4131

Unit Size: 1 Kit

Store at -20C.

[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/KA4131](http://www.novusbio.com/KA4131)

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/KA4131](http://www.novusbio.com/reviews/destination/KA4131)



**KA4131****Acetylcholinesterase/ACHE Assay Kit (Fluorometric)****Product Information**

<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>	Store at -20C.

**Product Description**

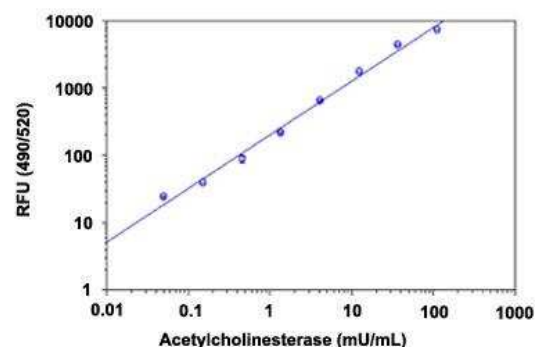
<b>Description</b>	Quality control test: Standard curve This kit uses our outstanding Thiolite Green to quantify the thiocholine produced from the hydrolysis of acetylthiocholine by AChE in blood, in cell extracts, and in other solutions. Thiolite Green is not fluorescent until reacted with a thiol group. It has spectral properties similar to those of fluorescein, making this assay compatible with almost every fluorescence instrument.
<b>Gene ID</b>	43
<b>Gene Symbol</b>	ACHE
<b>Specificity/Sensitivity</b>	Acetylcholinesterase Assay Kit (Green Fluorescence) is a one-step fluorometric assay for the detection of AChE activity. Excitation (Max): 490 nm, Emission (Max): 520 nm.
<b>Kit Components</b>	Thiolite Green, Assay Buffer, Acetylthiocholine, Acetylcholinesterase Standard (5 units), DMSO
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.1 mU/ml to 100 mU/ml
<b>Sensitivity</b>	0.01 mU
<b>Assay Type</b>	Fluorometric
<b>Suitable Sample Type</b>	Biological Samples
<b>Sample Volume</b>	50 ul

**Product Application Details**

<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional

**Images**

Acetylcholinesterase/ACHE Assay Kit (Fluorometric) [KA4131] - The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.





### **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 KA4131**

---

NBP2-55516PEP	Acetylcholinesterase/ACHE Recombinant Protein Antigen
NB300-109	Tyrosine Hydroxylase Antibody
NB100-1519	Acetylcholinesterase/ACHE Antibody
NBP2-13075	beta Amyloid Antibody (MOAB-2) - BSA Free

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. 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/KA4131](http://www.novusbio.com/reviews/submit/KA4131)

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

