

# Product Datasheet

## Phospholipid Assay Kit (Colorimetric/Fluorometric) KA1635

Unit Size: 1 Kit

Store at -20C.

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



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

**Publications: 10**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/KA1635](http://www.novusbio.com/KA1635)

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/KA1635](http://www.novusbio.com/reviews/destination/KA1635)

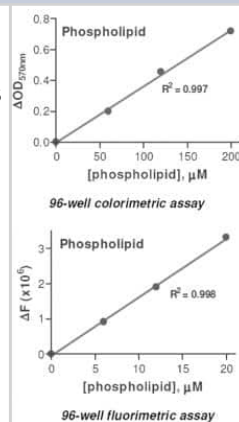


**KA1635****Phospholipid Assay Kit (Colorimetric/Fluorometric)**

<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>	Store at -20C.
<b>Product Description</b>	
<b>Description</b>	Quality control test: Standard Curve Phospholipid Assay Kit is a quantitative colorimetric/fluorimetric phospholipid determination.
<b>Species</b>	Human, Mouse, Rat, Porcine, Yeast
<b>Specificity/Sensitivity</b>	This kit can be used with both colorimetric and fluorometric detection systems.
<b>Kit Components</b>	Assay Buffer, PLD Enzyme, Enzyme Mix (Dried), Dye Reagent, Standard: 2 mM phosphatidylcholine
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	Colorimetric Assay: 3 to 200 $\mu$ M, Fluorimetric Assay: 0.6 to 20 $\mu$ M
<b>Sensitivity</b>	OD, FL: 3, 0.6 $\mu$ M
<b>Assay Type</b>	Colorimetric/Fluorometric
<b>Suitable Sample Type</b>	Plasma (no EDTA), Serum
<b>Sample Volume</b>	20 $\mu$ L
<b>Product Application Details</b>	
<b>Applications</b>	Functional, Quantification
<b>Recommended Dilutions</b>	Functional, Quantification

**Images**

Phospholipid Assay Kit (Fluorometric) [KA1635] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.



## Publications

- Meng-Hsin W, Ai-Ci C, Ling-Hsien T et al. Role of lysine residue of islet amyloid polypeptide in fibril formation, membrane binding, and inhibitor binding. *Biochimie*. 2020-08-26 [PMID: 32860895]
- Sobhan A, Bahram F, Sally M et al. Changes in lipid biology during ovarian development in farmed beluga sturgeon, *Huso huso* L. *Am J Physiol Regul Integr Comp Physiol*. 2020-08-05 [PMID: 32755464]
- Chen Y, Hu K, Huang B et al. Inhibiting Human Calcitonin Fibril Formation with Its Most Relevant Aggregation-Resistant Analog. *J Phys Chem B*. 2019-11-22 [PMID: 31692350]
- Amira M Effect of Omega-3 or Omega-6 Dietary Supplementation on Testicular Steroidogenesis, Adipokine Network, Cytokines, and Oxidative Stress in Adult Male Rats. *Oxid Med Cell Longev*. 2021-06-28 [PMID: 34257810]
- Alfawaz H, Bhat RS, Al-Mutairi M et al. Comparative study on the independent and combined effects of omega-3 and vitamin B12 on phospholipids and phospholipase A2 as phospholipid hydrolyzing enzymes in PPA-treated rats as a model for autistic traits. *Lipids Health Dis* 2018-08-31 [PMID: 30170600]
- Storti F, Raphael G, Griesser V et al. Regulated efflux of photoreceptor outer segment-derived cholesterol by human RPE cells. *Exp Eye Res* 2017-09-21 [PMID: 28943268]
- Getty CM, Dilger RN. Moderate Perinatal Choline Deficiency Elicits Altered Physiology and Metabolomic Profiles in the Piglet. *PLoS One* 2015-01-01 [PMID: 26196148]
- Rossger K, Charpin-El-Hamri G, Fussenegger M. A closed-loop synthetic gene circuit for the treatment of diet-induced obesity in mice. *Nat Commun*. 2013-01-01 [PMID: 24281397]
- Feng X, Lian J, Zhao H. Metabolic engineering of *Saccharomyces cerevisiae* to improve 1-hexadecanol production. *Metab Eng*. 2014-10-28 [PMID: 25466225]
- Teo WS, Ling H, Yu AQ, Chang MW. Metabolic engineering of *Saccharomyces cerevisiae* for production of fatty acid short- and branched-chain alkyl esters biodiesel. *Biotechnol Biofuels*. 2015-11-04 [PMID: 26543501]





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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/KA1635](http://www.novusbio.com/reviews/submit/KA1635)

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

