

# Product Datasheet

## Mouse Pyruvate Dehydrogenase E1-alpha subunit ELISA Kit (Colorimetric) NBP2-81219

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/NBP2-81219](http://www.novusbio.com/NBP2-81219)

Updated 9/23/2021 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/NBP2-81219](http://www.novusbio.com/reviews/destination/NBP2-81219)



**NBP2-81219****Mouse Pyruvate Dehydrogenase E1-alpha subunit ELISA Kit (Colorimetric)**

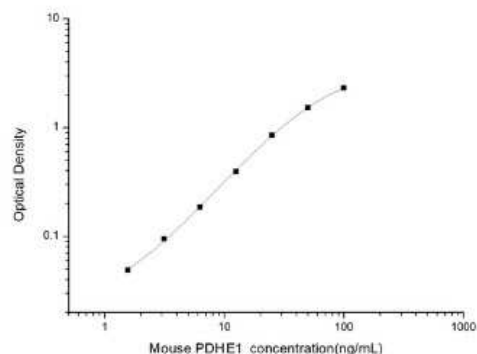
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.

Product Description	
Gene ID	5160
Gene Symbol	PDHA1
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse Pyruvate Dehydrogenase E1-alpha subunit in samples. No significant cross-reactivity or interference between Mouse Pyruvate Dehydrogenase E1-alpha subunit and analogues was observed.
Kit Components	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
Standard Curve Range	1.56 - 100 ng/mL
Sensitivity	0.94 ng/mL
Inter Assay	CV% < 4.74%
Intra Assay	CV% < 4.22%
Assay Type	Sandwich-ELISA
Spiking Recovery	90-110%
Suitable Sample Type	Serum, plasma, cell supernatant, and other biological fluids.
Sample Volume	100 ul

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

**Images**

ELISA: Mouse Pyruvate Dehydrogenase E1-alpha subunit ELISA Kit (Colorimetric) [NBP2-81219] - Standard Curve Reference





### **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 NBP2-81219**

---

NB110-93479PEP	Pyruvate Dehydrogenase E1-alpha subunit Antibody Blocking Peptide
NBP1-87781	Myelin PLP Antibody
NB110-93479	Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody - BSA Free
NBP1-31302	Dihydrolipoamide Dehydrogenase/DLD Antibody

---

### **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/NBP2-81219](http://www.novusbio.com/reviews/submit/NBP2-81219)

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

