

# Product Datasheet

## Avidin D [Alkaline Phosphatase] A-2100-NB

Unit Size: 100 Units

Store at 4C. Do not freeze.

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**A-2100-NB**

Avidin D [Alkaline Phosphatase]

Product Information	
<b>Unit Size</b>	100 Units
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Reconstitution Instructions</b>	Reconstitute with 1 mL water. The resulting solution will have the following composition: 10 mM HEPES, 0.15 M NaCl, 0.08% sodium azide, 1 mM Mg <sup>++</sup> , 0.1 mM Zn <sup>++</sup> , pH 7.5. This product has been stabilized by addition of Ficoll and IHC-grade BSA.
<b>Conjugate</b>	Alkaline Phosphatase

Product Description	
<b>Description</b>	<p><b>Features:</b></p> <p>Suitable for use in solid-phase assays, tissue/cell staining systems, and blotting applications.</p> <p>Specific covalent linkages are chosen to provide stable, highly active conjugates. One unit is 1 <math>\mu</math>mole p-nitrophenylphosphate hydrolyzed per min. at 37 °C, pH 9.8.</p>
<b>Notes</b>	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, In-situ Hybridization, Enzyme-linked Immunosorbent Spot, Immunocytochemistry
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, In-situ Hybridization, Enzyme-linked Immunosorbent Spot, Immunocytochemistry
<b>Application Notes</b>	<p>To avoid adsorption or denaturing of the enzyme conjugate, dilutions may be made in 20 mM HEPES, 0.5 M NaCl, pH 7.5, containing 0.1 mg/mL IHC- grade BSA. DO NOT USE FRACTION V GRADE BSA. One unit equals 1.0 micromole of p-nitrophenol liberated from p-nitrophenylphosphate per minute at 37C (pH 9.5).</p> <p>Recommended concentration for use is 0.2 units/mL.</p> <p>Storage of dilute solutions of the enzyme conjugate is not recommended.</p> <p>.</p>



## Images

Avidin D [Alkaline Phosphatase] [A-2100-NB] - Alkaline Phosphatase  
Avidin D





### **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. Support products are guaranteed for 6 months from date of receipt.

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