

# Product Datasheet

## Protein A - Alkaline Phosphatase Protein 2001-0100

Unit Size: 0.1 mg

Store at -20 °C.

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**2001-0100****Protein A - Alkaline Phosphatase Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 °C.
<b>Product Description</b>	
<b>Description</b>	<p>Protein A is a 42kDa surface protein of the bacterium <i>Staphylococcus aureus</i>, which binds the Fc region of many mammalian IgGs. Its high affinity for immunoglobulins is the reason that it is often used in biochemical research. Alkaline Phosphatase is a hydrolase enzyme. It is extracted from bovine intestine and purified using multiple precipitation, fractionation, chromatography, and filtration steps. Alkaline Phosphatase is frequently employed in immunoassays, and a commonly used colorimetric substrate for it is PNPP; the product of this reaction, p-nitrophenol, can be read at 405nm. Fluorogenic substrates such as 4-methylumbelliferyl phosphate (MUP) may also be used.</p> <p>Our Protein A conjugates are produced using our Lightning-Link bio-conjugation technology, therefore providing high quality, stable covalent conjugates for use in your application.</p>
<b>Notes</b>	This product is manufactured by Expedeon Inc. and distributed by Novus Biologicals.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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