

# Product Datasheet

## AP Conjugate Stabilizer/Diluent

### 902-0005

Unit Size: 50 ml

Store at 4C. Do not freeze.

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**902-0005****AP Conjugate Stabilizer/Diluent**

<b>Product Information</b>	
<b>Unit Size</b>	50 ml
<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>Product Description</b>	
<b>Description</b>	<p>The performance of AP conjugates diminishes over time. There are a number of factors that contribute to loss of performance including:</p> <ul style="list-style-type: none"> <li>• Inactivation of AP.</li> <li>• Instability of the bond which links AP to the antibody.</li> <li>• Microbial attack.</li> <li>• Denaturation of the antibody.</li> <li>• Loss of performance accelerates with increasing temperature and with increasing dilution of the conjugates.</li> </ul> <p>For these reasons AP conjugates are often kept in a concentrated form at 4oC.</p> <p>The conjugate stabilizer/diluent is a proprietary multi-component reagent system that protects antibody-AP conjugates from all of the negative factors noted above, thus ensuring the best possible performance in experiments performed at room temperature. Moreover, the ability to store AP conjugates at working dilutions eliminates waste and improves consistency from experiment to experiment.</p> <p>In addition to its proprietary enzyme stabilizers, it contains antimicrobial agents as well as blockers to enhance signal to background in immunoassay applications.</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. Support products are guaranteed for 6 months from date of receipt.

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