

Product Datasheet

HRP Conjugate Stabilizer/Diluent

901-0005

Unit Size: 50 ml

Store at 4C. Do not freeze.

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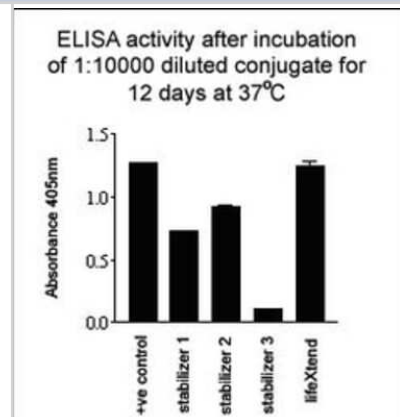


901-0005**HRP Conjugate Stabilizer/Diluent**

Product Information	
Unit Size	50 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4C. Do not freeze.
Buffer	
Product Description	
Description	<p>The performance of HRP conjugates diminishes over time. There are a number of factors that contribute to loss of performance including:</p> <ul style="list-style-type: none"> • Inactivation of HRP. • Instability of the bond which links HRP to the antibody. • Microbial attack. • Denaturation of the antibody. • Loss of performance accelerates with increasing temperature and with increasing dilution of the conjugates. <p>For these reasons HRP 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-HRP 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 HRP 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>
Specificity/Sensitivity	Even some of the best known stabilizers perform either poorly or only modestly in standard accelerated stability trials at 37C. LifeXtend HRP stabilizer/diluent affords the greatest protection and can substantially extend the shelf life of HRP conjugates stored at 4C or at room temperature.
Notes	<p>This product is manufactured by Abcam and distributed by Novus Biologicals.</p> <p>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 and this statement overrides any mentioned guarantee period on the limitations section of this products datasheet. Please contact technical@novusbio.com with questions.</p>
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot

Images

ELISA: HRP Conjugate Stabilizer/Diluent [901-0005]



Publications

Torrente MP, Castellano LM, Shorter J Suramin Inhibits Hsp104 ATPase and Disaggregase Activity. PLoS One. 2014 -10-09 [PMID: 25299406]



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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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