

# Product Datasheet

## LATEX 400nm Red Midi Antibody Conjugation Kit 1002-0120

Unit Size: 40 ug

Store at -20C.

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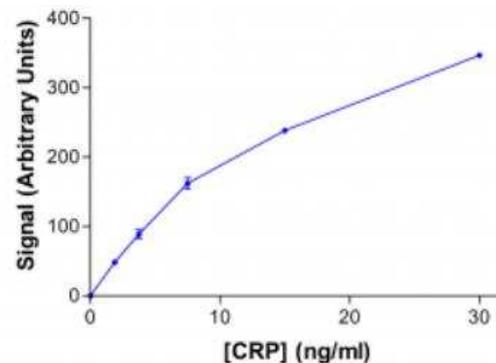


**1002-0120****LATEX 400nm Red Midi Antibody Conjugation Kit**

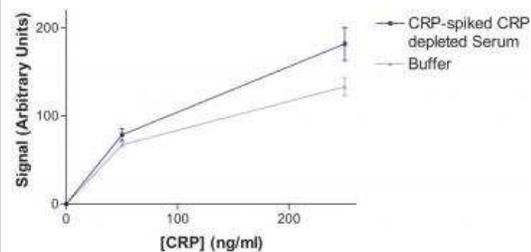
<b>Product Information</b>	
<b>Unit Size</b>	40 ug
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at -20C.
<b>Product Description</b>	
<b>Description</b>	<p>The LATEX Conjugation Kit allows antibodies or proteins to be conjugated to our high quality 400nm red latex beads quickly and easily. The latex beads are designed for ease of use and have much improved handling compared with traditional latex. This has been achieved by specially treating the particles. The conjugation is covalent, and requires less antibody than traditional passive and covalent latex conjugates.</p> <p><b>LATEX Conjugation Procedure:</b></p> <ul style="list-style-type: none"> <li>• 30 seconds to set up the conjugation</li> <li>• 3 minutes hands-on time for the conjugation procedure</li> <li>• Conjugate is ready to use within 35 minutes. Simply pipette the biomolecule into a vial containing the latex nanoparticles, then centrifuge to buffer exchange.</li> </ul>
<b>Kit Components</b>	1 Midi vial of 400nm Blue/Red/Black LATEX, 1 vial of Reaction buffer A, 1 vial of Reaction buffer B, 1 vial of 10x Quencher buffer, 1 vial of Resuspension buffer
<b>Notes</b>	<p>LATEX® is a registered trademark of 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 <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> with questions.</p>
<b>Product Application Details</b>	
<b>Application Notes</b>	We would suggest that the antibody to be conjugated should be in 10 - 50 mM MES, HEPES or MOPS at pH 6 - 7 (with no other components e.g. salt or azide) before conjugation.

## Images

LATEX 400nm Red Midi Antibody Labeling Kit [1002-0120] - Lateral Flow Assay of specially-treated latex beads conjugated to a monoclonal anti-CRP antibody (mAb1) titrated against CRP. 2 ng/ml CRP can easily be detected.



LATEX 400nm Red Midi Antibody Labeling Kit [1002-0120] - Lateral Flow Assay of specially-treated latex conjugated to the monoclonal anti-CRP antibody (mAb 2) titrated against CRP in buffer or CRP spiked CRP-depleted serum (100 % serum). The latex behaves similarly in serum and buffer, and no aggregation or non-specific binding is seen.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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