

Product Datasheet

LATEX 400nm Blue Mini Antibody Conjugation Kit 1000-0040

Unit Size: 16 ug

Store at -20C.

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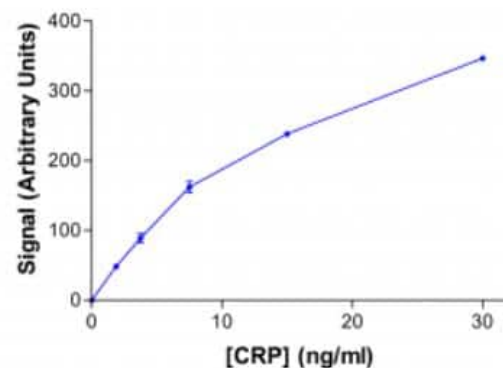
1000-0040**LATEX 400nm Blue Mini Antibody Conjugation Kit**

Product Information	
Unit Size	16 ug
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Product Description	
Description	<p>The LATEX Conjugation Kit allows antibodies or proteins to be conjugated to our high quality 400nm blue 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>LATEX Conjugation Procedure:</p> <ul style="list-style-type: none"> • 30 seconds to set up the conjugation • 3 minutes hands-on time for the conjugation procedure • Conjugate is ready to use within 35 minutes. Simply pipette the biomolecule into a vial containing the latex nanoparticles, then centrifuge to buffer exchange.
Kit Components	4 or 10 Mini vials of 400nm Blue/Red/ or Black LATEX (dependent on kit), 1 vial of Reaction buffer A, 1 vial of Reaction buffer B, 1 vial of 10x Quencher buffer, 1 vial of Resuspension buffer
Notes	<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 technical@novusbio.com with questions.</p>
Product Application Details	
Application Notes	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.

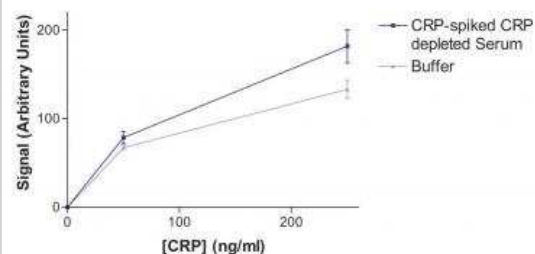


Images

LATEX 400nm Blue Mini Antibody Labeling Kit [1000-0040] - 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 Blue Mini Antibody Labeling Kit [1000-0040] - 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.



Publications

Bond M, Hunt B, Flynn B et al. Towards a point-of-care strip test to diagnose sickle cell anemia. PLoS One. 2017-05-16 [PMID: 28520780]

Little GH, Noushmehr H, Baniwal SK Genome-wide Runx2 occupancy in prostate cancer cells suggests a role in regulating secretion Nucleic Acids Res. 2012-04-01 [PMID: 27490379] (WB, Human)



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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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