

Product Datasheet

InnovaCoat (R) GOLD - Hydrazide 40nm Antibody Labeling Kit

280-0000

Unit Size: 3 x 30ug Vials

Store at -20C.

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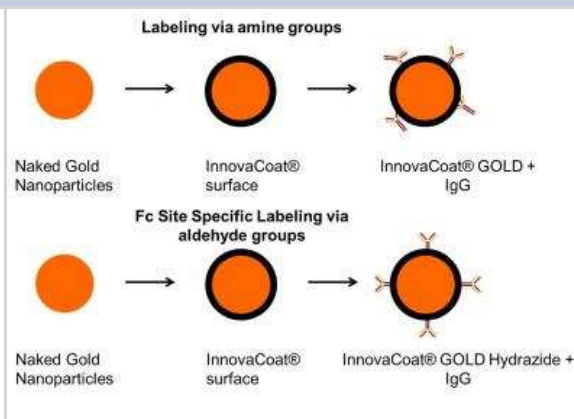


280-0000**InnovaCoat (R) GOLD - Hydrazide 40nm Antibody Labeling Kit**

Product Information	
Unit Size	3 x 30ug Vials
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>Ultra stable InnovaCoat GOLD particles functionalized with hydrazide groups permit the quick and easy attachment of antibodies. The kit allows to gently oxidize the sugars on the Fc region of the antibodies and convert them to aldehydes. The aldehydes react with the hydrazide groups on the coated gold to form stable hydrazone bonds. The two antigen binding arms are therefore orientated in space, which may lead to enhanced assay performance (please refer to the diagram below).</p> <p>FeaturesSite-specific labelingAntigen binding sites of antibodies are free to bind the target moleculeProprietary surface coating prevents metal-protein interactionsCovalent bond, stable conjugates formedFully scalableEasy transfer from R&D to manufacturingStringently QC tested: uniform spherical shape and narrow size distributionConsistent high quality, excellent batch-to-batch reproducibility</p>
Kit Components	Antibody diluent (1 vial), Wash/Coupling buffer (1 bottle), Separating Column (1 or 3 EA), Antibody Oxidation Reagent (1 or 3 vials), InnovaCoat GOLD Hydrazide 10.0 OD (1 vial or bottle)
Notes	<p>InnovaCoat GOLD® 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>

Images

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Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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