

Product Datasheet

InnovaCoat (R) GOLD - Hydrazide 40nm Antibody Labeling Kit **280-0100**

Unit Size: 1 Test

Store at -20C.

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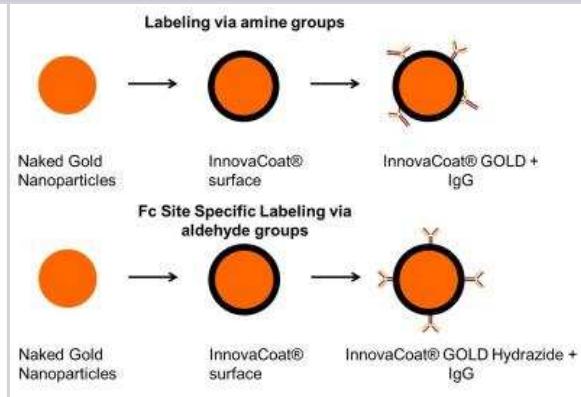


280-0100**InnovaCoat (R) GOLD - Hydrazide 40nm Antibody Labeling Kit****Product Information**

Unit Size	1 Test
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	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).
Features	Benefits
	Site-specific labeling Antigen binding sites of antibodies are free to bind the target molecule Proprietary surface coating prevents metal-protein interactions Covalent bond, stable conjugates formed Fully scalable Easy transfer from R&D to manufacturing Stringently QC tested: uniform spherical shape and narrow size distribution Consistent high quality, excellent batch-to-batch reproducibility
Kit Components	1 or 3 amber glass vials of Antibody Oxidation Reagent, 1 vial or bottle of 10.0 OD InnovaCoat GOLD Hydrazide, 1 vial of Antibody diluent, 1 bottle of Wash/Coupling buffer, 1 or 3 Separating Column(s)
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**InnovaCoat GOLD - Hydrazide 40nm Antibody Labeling Kit [280-0100]**



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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