

Product Datasheet

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

280-0300

Unit Size: 90 ug

Store at -20C.

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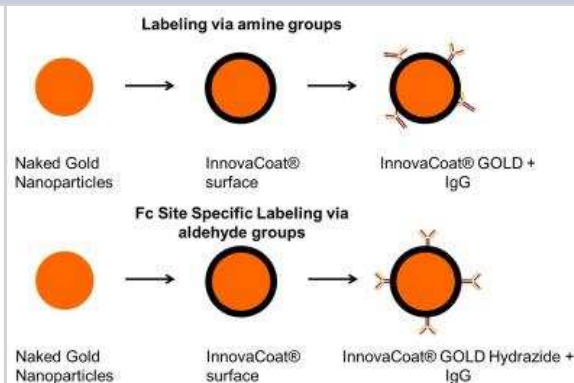


280-0300**InnovaCoat (R) GOLD - Hydrazide 40nm Antibody Labeling Kit**

Product Information	
Unit Size	90 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>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	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 Validation Antibody Labeling Kit [280-0300]





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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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