

# Product Datasheet

## InnovaCoat (R) GOLD - 40nm Protein A Nanoparticle (100D) 222-0200

Unit Size: 0.2 ml

Store at 4C. Do not freeze.

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**222-0200****InnovaCoat (R) GOLD - 40nm Protein A Nanoparticle (100D)**

| <b>Product Information</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 0.2 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>       | Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>             | Store at 4C. Do not freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Product Description</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>         | <p>At the core of this product is InnovaCoat GOLD, a unique coated nanoparticle that has an avidly bound protective surface coat which can withstand the most extreme conditions (e.g. 2.5M NaOH at 70C for 2 hours).</p> <p>The Goat Anti-Rabbit IgG antibody (GAR) is irreversibly attached to the surface coat via a covalent bond. This irreversible attachment doesn't allow the desorption of the antibody, which is a major problem with products in which the antibody is only passively adsorbed to the metal.</p> <p>The InnovaCoat GOLD conjugated to GAR antibody recognizes Rabbit IgG which is often used as a primary antibody in various research applications. For this reason secondary antibody anti-rabbit IgGs can be useful tools for the analysis of target proteins.</p> <p>The Goat Anti-Rabbit IgG conjugates are available in 10, 20, 40 and 80 nm sizes. We also have Goat Anti-Mouse IgG, Biotin, Streptavidin and Protein A conjugates in this range.</p> |
| <b>Notes</b>               | <p>This product is manufactured by 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



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### **Limitations**

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

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