

Product Datasheet

InnovaCoat (R) GOLD 20nm Streptavidin 251-1000

Unit Size: 1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/251-1000

Updated 4/16/2020 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/251-1000



251-1000**InnovaCoat (R) GOLD 20nm Streptavidin**

Product Information	
Unit Size	1 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4C. Do not freeze.
Product Description	
Description	<p>InnovaCoat GOLD is 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 70oC for 2 hours).</p> <p>By covalently attaching streptavidin to the surface coat the resulting InnovaCoat GOLD-Streptavidin nanoparticles inherit the stability attributes of the core nanoparticle; moreover the streptavidin ligand cannot desorb, which is a major problem with all the competing products in which the streptavidin is directly attached to the metal.</p> <p>OD (concentration): 10 Size of gold: 20 nm</p>
Notes	This product is manufactured by Expedeon Inc. and distributed by Novus Biologicals.
Product Application Details	
Application Notes	To determine the effective concentration of the conjugate obtained we advise to measure the Absmax of light using an UV-vis spectrophotometer after diluting your sample to an appropriate range for your piece of equipment (e.g. if a 40nm gold conjugate is at 10 OD and is diluted 1:10 the Abs530nm for a 1 cm light path is expected to be around 1 AU).



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
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

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@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.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. Support products are guaranteed for 6 months from date of receipt.

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/251-1000

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

