

Product Datasheet

10nm Streptavidin Gold Conjugate (100D) 252-0200

Unit Size: 0.2 ml

Store at 4C. Do not freeze.

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252-0200**10nm Streptavidin Gold Conjugate (10OD)****Product Information**

Unit Size	0.2 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 nanoparticles have a proprietary surface coating which covalently binds antibodies, proteins, peptides or any other biomolecule with free amine groups to form highly stable conjugates. The surface coating can withstand the most extreme conditions (e.g. 2.5M NaOH at 70oC for 2 hours), making InnovaCoat® GOLD an ideal reagent for a wide range of applications.</p> <p>Our InnovaCoat GOLD streptavidin conjugates share the stability attributes of the core nanoparticle. Furthermore, since the streptavidin is covalently bound to the surface coating of the gold nanoparticle it is unable to desorb, which is a major problem faced by competing products in which the streptavidin is directly attached to the metal.</p>
Notes	<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 technical@novusbio.com with questions.</p>

Product Application Details

Application Notes	Streptavidin gold nanoparticle conjugates can be used in conjunction with biotinylated reagents such as biotinylated antibodies or proteins, in applications such as lateral flow immunoassays or electron microscopy.
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Publications

Fries CN, Wu Y, Kelly SH et al. Controlled Lengthwise Assembly of Helical Peptide Nanofibers to Modulate CD8+ T-Cell Responses Adv. Mater. Weinheim 2020-08-20 [PMID: 32820582]





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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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