

# Product Datasheet

## 40nm Colloidal Gold Nanoparticles - 150D 212-0010

Unit Size: 10 ml

Store at 4C. Do not freeze.

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**212-0010****40nm Colloidal Gold Nanoparticles - 15OD****Product Information**

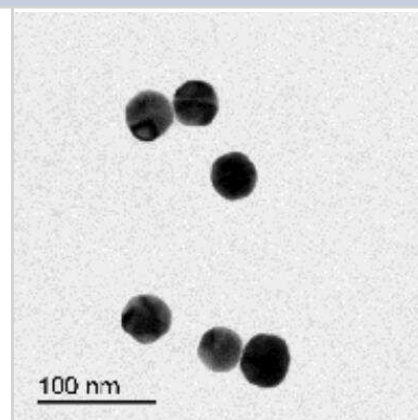
<b>Unit Size</b>	10 ml
<b>Concentration</b>	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
<b>Storage</b>	Store at 4C. Do not freeze.

**Product Description**

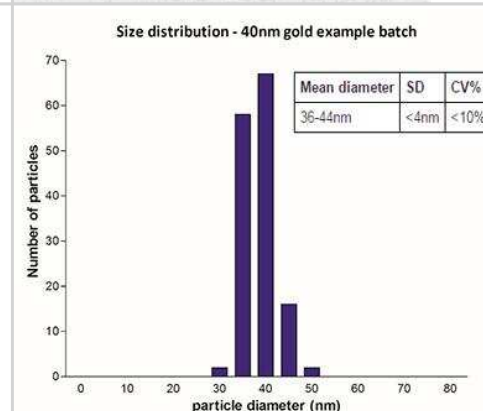
<b>Description</b>	<p>Our 40nm colloidal gold is an aqueous suspension of spherical metallic nanoparticles manufactured to the highest standard to ensure:</p> <ul style="list-style-type: none"> <li>Uniform spherical shape</li> <li>Narrow size distribution: 10nm +/- 1nm, &lt;10% CV</li> <li>Ultra high quality</li> <li>Batch-to-batch consistency</li> <li>High efficiency antibody binding for maximum sensitivity</li> <li>Available at high concentrations to simplify assay development</li> </ul>
<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>

**Images**

Electron Microscopy: 40nm Colloidal Gold Nanoparticles - 15OD Antibody Labeling Kit [212-0010] - Shows uniform spherical shape and narrow size distribution averaging 40nm in size with a +/- 4nm variance. Innova nanoparticles feature a high batch to batch consistency and high efficiency antibody binding for maximum sensitivity.



40nm Colloidal Gold Nanoparticles - 15OD Antibody Labeling Kit [212-0010] - Size distribution of our 40nm gold nanoparticles displaying a narrow size distribution with a CV (standard deviation/diameter) of less than 10%.





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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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