

# Colloidal gold nanoparticles 10, 20, 40, 80nm

Applicable to: 3001-0020 20ml 3001-0100 100ml 3010-0020 20ml 3010-0100 100ml 3201-0010 10ml 3201-0100 100ml 3210-0010 10ml 3215-0010 10ml 3215-0100 100ml 201-0010 10ml 201-0100 100ml 210-0010 10ml 210-0100 100ml 212-0010 10ml 212-0100 100ml 3801-0010 10ml 3801-0100 100ml 3810-0010 10ml 3810-0100 100ml 3815-0010 10ml 3815-0100 100ml  
 Release 1. © EXPEDÉON. 21/02/2018

## INTRODUCTION

Innova Biosciences' colloidal gold nanoparticles are ultra high quality, with a narrow size distribution and uniform shape, supplied in a range of sizes and concentrations for maximum flexibility.

## SPECIFICATIONS

Particle size	Effective diameter (TEM)	Standard deviation	% CV
10nm	10nm ± 1nm	< 1nm	< 10%
20nm	20nm ± 2nm	< 2nm	< 10%
40nm	40nm ± 4nm	< 4nm	< 10%
80nm	80nm ± 8nm	< 8nm	< 10%

## CONTENTS

Bottles of gold nanoparticles:

### 10nm

(3001; 3010)-0020 20ml bottle at 1 or 10 OD

(3001; 3010)-0100 100ml bottle at 1 or 10 OD

### 20nm

(3201; 3210; 3215)-0010 10ml bottle at 1, 10 or 15 OD

(3201; 3210; 3215)-0100 100ml bottle at 1, 10 or 15 OD

### 40nm

(201; 210; 212; 220)-0010 10ml bottle at 1, 10, 15 or 20 OD

(201; 210; 212; 220)-0100 100ml bottle at 1, 10, 15 or 20 OD

### 80nm

(3801; 3810; 3815)-0010 10ml bottle at 1, 10 or 15 OD

(3801; 3810; 3815)-0100 100ml bottle at 1, 10 or 15 OD

## STORAGE

The colloidal gold nanoparticles are shipped at ambient temperature, upon receipt store between 2-8°C, do not freeze.

## RELATED PRODUCTS

[InnovaCoat® GOLD nanoparticle conjugation kits](#) provide a simple, easy to use approach to conjugation of antibodies to gold nanoparticles. Details of the full range of InnovaCoat® products can be found on our website.

Description	Code
InnovaCoat® GOLD 10nm nanoparticle conjugation kit	228-
InnovaCoat® GOLD 20nm nanoparticle conjugation kit	229-
InnovaCoat® GOLD 40nm nanoparticle conjugation kit	230-
InnovaCoat® GOLD 80nm nanoparticle conjugation kit	231-

[InnovaCoat® GOLD Secondary Antibody conjugates](#) provide a simple and reliable way of targeting primary antibodies for immunological techniques. Details of the full range of InnovaCoat® GOLD Secondary Antibody conjugates products can be found on our website.

InnovaCoat® GOLD Custom Services, including optimization of covalent antibody conjugates, covalent attachment of small molecules and ligands.