



Gold Nanoparticles (80 nm)(VCar-Ly027)

PRODUCT INFORMATION

Product Overview

80 nm, 0.01% (w/v) based on gold, spherical gold nanoparticles in deionized water with small amount of citrate.

SPECIFICATIONS

Source	Synthetic
Type	Nanoparticle
Applications	For the development of diagnostic probes, therapeutic agents and drug delivery vehicles.
Quantity	20 mL

ANTIGEN INFORMATION

Introduction

The features of gold nanoparticles are spherical shape and completely soluble in water, which have been used widely for the development of diagnostic probes, therapeutic agents and drug delivery vehicles. The optical and electronic properties are tunable by changing the size, shape, surface chemistry and aggregate state. These nanoparticles can be further modified with different surface coatings and functional groups to render them with unique chemical and biological reactivity. Creative Biolabs provides more choices of surface modified gold particles for in-vitro or in-vivo applications of those nanoparticles.