



DiagNano™ Fluorophore Labeled Gold Nanorods, diameter 25 nm, absorption max 980 nm

Cat.No: RFL-25-980

DESCRIPTION

Description 50 OD fluorophore labeled gold nanorods with 25 nm diameter, longitudinal SPR absorbance max 980 nm. The fluorophore can be IRDye 800, Alexa Fluor 750, Alexa Fluor 680, Cy5.5, Alexa Fluor 647, Cy5, Alexa Fluor 633, Alexa Fluor 594, Texas Red, Alexa Fluor 546, Alexa Fluor 555, FITC and Alexa Fluor 488. These nanorods are available with the following active groups or ligands: amine, biotin, carboxyl, maleimide, methyl, neutravidin, NHS, streptavidin, MUTAB, protein A and secondary antibodies.

APPLICATION

Application Notes Fluorophore labeled gold nanorods are suitable for in vitro dark field, bright field, and fluorescence imaging come in numerous conjugations.

PRODUCT INFORMATION

Diameter	25 nm
Length	119 nm
Functional Group	Optional
Number of Particles	2.39E+12 particles/mL
Optical Density	50 OD (250 OD are also available.)
Absorption Max	980 nm

STORAGE AND SHIPPING

Storage Buffer	Buffer is customer determined.
Storage	This product should be stored at 4°C.
Shelf Life	When stored as specified the product is stable for at least six months.