

# OligoBind™ Gold Nanoparticle Conjugation Kit, 30 nm

Cat.No: GOK-30

## DESCRIPTION

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| <b>Description</b> | Kit for one-step covalent conjugation of thiolated oligonucleotide directly to the surface of 30 nm gold nanoparticles. |
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## APPLICATION

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|--------------------------|---|
| <b>Application Notes</b> | DiagNano™ OligoBind™ Gold Nanoparticle Conjugation Kits are suitable for oligonucleotides gold nanoparticles conjugate. |
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## KIT COMPONENTS

| <b>Kit Components</b>                            | <b>Storage</b> |
|--|----------------|
| 30 nm OligoBind Gold Nanoparticles (lyophilized) | -20°C          |

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Diameter</b>            | 30 nm   |
| <b>Surface Coating</b>     | DiagNano™ Proprietary OligoBind™ coating            |
| <b>Number of Particles</b> | 3.58E+11 (when dissolved to a final volume of 1 mL) |
| <b>Optical Density</b>     | OD=2 (when dissolved a final volume of 1 mL)        |
| <b>Absorption Max</b>      | 526 nm  |



## STORAGE AND SHIPPING

**Shelf Life**

The products are stable for at least 3 months if stored as specified.

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