



DiagNano™ Gold Nanoparticle Passive Conjugation Kit, Dot-blot

Cat.No: GPK-DB

DESCRIPTION

Description Kit for passive adsorption of protein to 20 nm and 30 nm gold nanoparticles for membrane blotting applications. Kit contains buffers and 100 mL each of 20 nm and 30 nm gold nanoparticles.

APPLICATION

Application Notes Ideal for development of protein gold conjugates for use in applications such as blotting, lateral flow assays, microscopy and transmission electron microscopy (TEM).

KIT COMPONENTS

| Kit Components | Kit Components | Quantity | Storage |
|----------------|--|-----------------------|---------------------|
| | 20 nm and 30 nm Basic Gold Nanoparticles | 100mL each, conc. OD1 | 4°C. DO NOT FREEZE. |
| | 12 conjugation optimization buffers | 1.5mL each | 4°C. DO NOT FREEZE. |
| | 10% NaCl | 100mL | 4°C. DO NOT FREEZE. |
| | Protein resuspension buffer | 1 vial | 4°C. DO NOT FREEZE. |

PRODUCT INFORMATION

| | |
|-------------------------|--------------|
| Diameter | 20 nm, 30 nm |
| Functional Group | Tannic acid |
| Optical Density | 1 OD |
| Absorption Max | 524 nm |

STORAGE AND SHIPPING

Shelf Life Gold nanoparticles are stable for at least 6 months if stored unopened and as specified.