

Fluorescent labeled Silver Nanoparticles

DESCRIPTION

Silver nanoparticles have unique optical, electronic, and antibacterial properties, and are widely used in areas such as biosensing, photonics, electronics, and antimicrobial applications. Beijing Biotyscience Co. Ltd provides high-quality spherical silver nanoparticles of different sizes.

These conjugated particles can be used in brightfield, darkfield, fluorescence, and other imaging modes; and ELISA, lateral flow, and other assays. Although some fluorophores may be plasmonically enhanced by the correct choice of shape and sized silver nanoparticle, the designs allow for as many fluorophores as possible to be conjugated to each, and that there be no quenching of the fluorescence. Every batch is completely characterized including size, monodispersity, and concentration.

PRODUCT INFORMATION

| | |
|----------------------|---|
| Type | Silver Nanoparticles |
| Diameter | 5 nm - 200 nm |
| Surface | FITC/Rhodamine/CY3/CY5/CY5.5/CY7/AF350/PE/APC |
| Concentration | 0.1 mg/ml (or others) |
| Size | 2 ml |
| Storage | Stored at 2 - 8°C. Do not freeze. Protect from light. |

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Shelf life 6 months

Applications

Conjugate Development

Blotting

Immunostaining

Lateral Flow Assays

LSPR assays

Light Microscopy

Biological Sensor Development

TEM

Storage

Store product away from direct sunlight at 2-8 ° C.

Do NOT freeze. Freezing causes irreversible aggregation of the silver nanoparticles.

When stored as specified the product is stable for at least six months.

Contact Us

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