

Oil Gold Nanoparticles

DESCRIPTION

Beijing Biotyscience Co. Ltd provides high-quality spherical gold nanoparticles of different sizes. The gold nanoparticles presents orange, red, purple and other colors depending on the particle size.

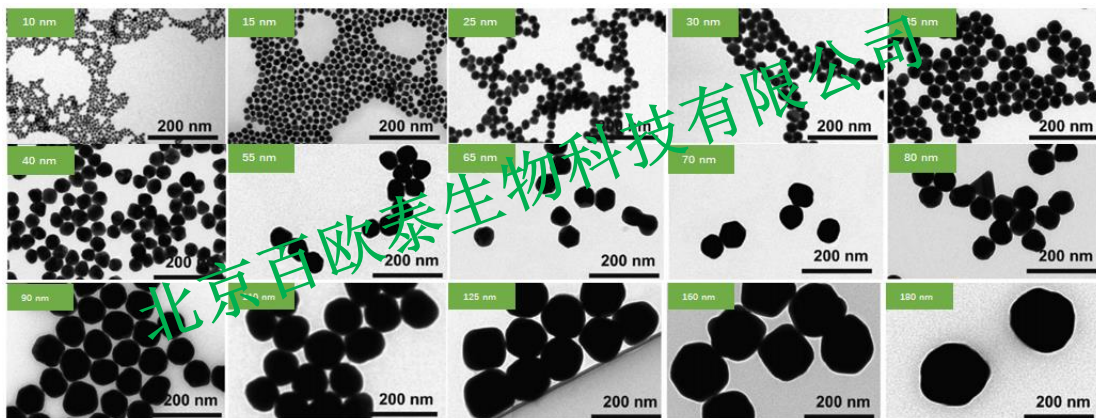
Gold nanoparticles have many applications in biology and medicine due to their unique optical and physical properties.

These versatile reagents can be used for biological immune detection, protein labeling, dark-field optical imaging, fluorescence enhancement, surface enhancement Raman substrate to meet the different experimental needs of scientific researchers.

By precisely engineering the gold nanoparticle surface, we also offer protein/antibody gold conjugates and particles with functional groups such as biotin, carboxyl, amine allowing them to be directly used in many applications.

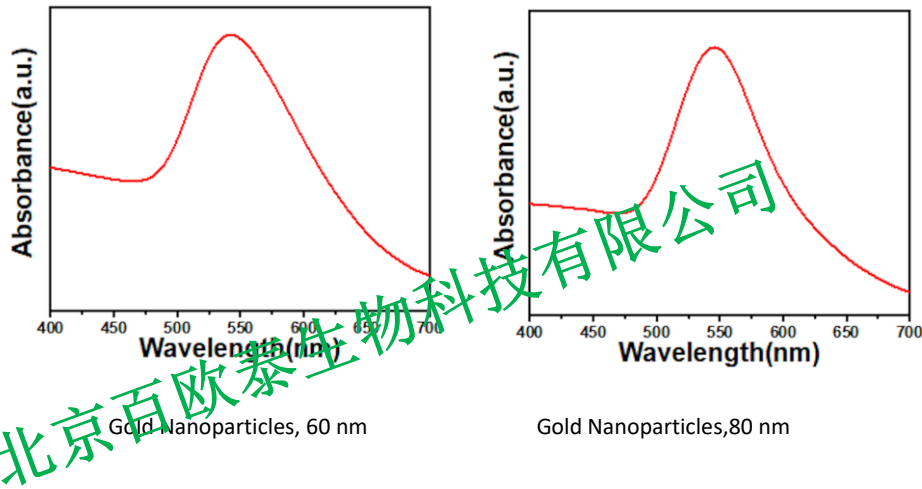
PRODUCT INFORMATION

Type	Gold Nanoparticles
Diameter	5 nm - 200 nm
Surface	Aromatic hydrocarbons (or others)
Concentration	0.05 mg/ml
Buffer	Supplied in Xylene.
Size	10 ml
Storage	Stored at 2 - 8°C. Do not freeze. Protect from light.
Shelf life	6 months

Transmission electron microscopy (TEM)

Transmission electron microscopy (TEM) of Biotyscience gold nanoparticles of different sizes

UV-Vis spectrum



Applications

Conjugate Development

Immunostaining

Lateral Flow Assays

Biological Sensor Development

Electron Microscopy

Dark Field Microscopy

Surface Enhanced Raman Spectroscopy (SERS)

Storage

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

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

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

Contact Us

北京百欧泰生物科技有限公司

Tel: +86 136 8125 6816 Email: biotyscience@163.com

Address: 北京市房山区良乡凯旋大街建设路 18 号-D3032

Beijing Biotyscience Co. Ltd.

QQ: 499854788

3494243873

1619694293

We chat: 13681256816

15511114213

Email: info@biotyscience.com

Tel: 010-5365 2239

136 8125 6816