

## Polystyrene Particles-正电

### DESCRIPTION

Beijing Biotyscience Co. Ltd provides high-quality polystyrene microspheres of different sizes. PS microsphere products have ideal microspherical appearance, no other impurities, small differences between batches, and good repeatability.

The product is rich in positive charges, easy to be surface modified and centrifuge, and has strong adsorption.

Through further surface modification, PS microspheres can be coupled with fluorescent molecules, streptavidin, proteins, nucleic acid probe molecules, etc, and can be used for latex-enhanced immunoturbidimetric determination, liquid-phase chips, cell labeling, protein separation, Drug carrier, separation column packing, cell separation, cell culture, etc.

### PRODUCT INFORMATION

<b>Type</b>	PS microspheres-正电
<b>Concentration</b>	2.5% (or other)
<b>Diameter</b>	500 nm-2000 um
<b>Buffer</b>	Supplied in DI Water.
<b>Size</b>	10 ml

北京百欧泰生物科技有限公司

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**Storage**

Stored at 4 °C. Do not freeze. Protect from light.

**Advantages**

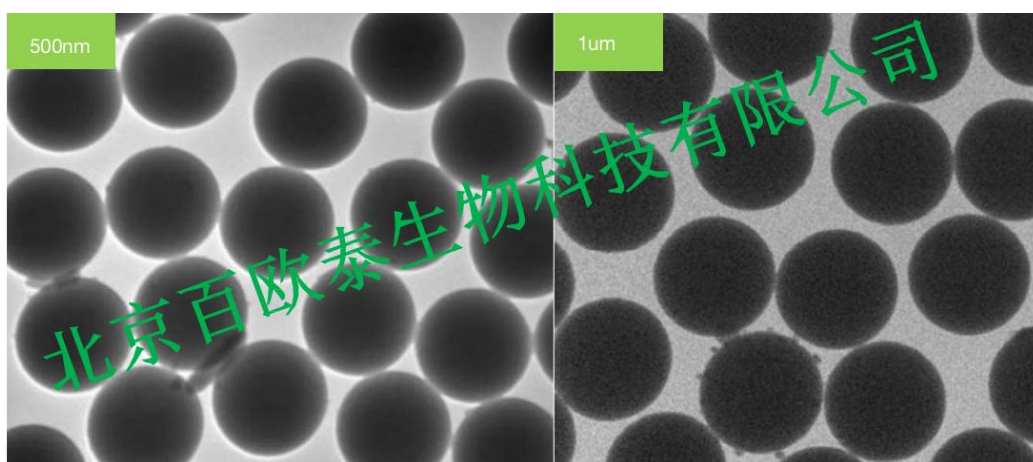
Excellent hydrophobicity and non-biodegradability;

Not dissolved or swollen by common solvents, which is beneficial to application and recovery;

Excellent binding ability for some substances such as proteins, dyes, and affinity ligands;

Large specific surface area, strong adsorption, easy centrifugal separation, suitable as a fixed carrier for some substances;

Good particle size controllability, high surface reaction activity and high adsorption efficiency.

**Transmission electron microscopy (TEM)**

Transmission electron microscopy (TEM) of Biotyscience PS microspheres of different sizes

## Applications

Conjugate Development

Cell labeling

Protein separation

Drug carrier

Separation column packing

Cell separation

Cell culture

## Storage

Store product away from direct sunlight at 2-8 ° C. Do NOT freeze.

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

## Notes

Please use PS microspheres after fully stirring and ultrasonic dispersion.

Store at room temperature/4 degree and avoid light, avoid drying into blocks and avoid freezing and thawing.

The working temperature should not exceed 100 ° C to prevent the polystyrene

microspheres from melting, deforming or sticking together.

## Contact Us

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