Abvigen

PRODUCT DATA SHEET

Streptavidin Magnetic Particles

Description

Abvigen's Streptavidin Magnetic Particles are superparamagnetic particles with excellent colloidal stability and biocompatible coating for biomedical applications including: in-vivo magnetic resonance imaging (MRI), magnetic particles imaging (MPI), magnetic sensing for in-vitro diagnostics, small molecular drug delivery, immunotherapy, hyperthermia, adjuvant for vaccine, etc.
Streptavidin magnetic nanoparticles are nanosized (50 nm-100 um) iron oxide particles with streptavidin groups. biotinylated nucleic acids, antibodies, or other biotinylated ligands and targets are easily labeled on the iron oxide nanoparticle surface. With excellent colloidal stability and unique surface coating, the streptavidin magnetic nanoparticles exhibit good binding capacity and low non-specific binding of protein or nucleic acids.

For custom sizes, formulations or bulk quantities please contact our customer service department.
Website: www.abvigen.com Phone: +1 929-202-3014 Email: info@abvigenus.com

Characteristics

Diameter: 50 nm -100 um

Size: 5 ml; 10 ml

Concentration: 10 mg/ml

Composition: iron oxide nanoparticles (<300 nm) or PS Magnetic Particles (>300 nm)

Shape: Spherical

Functional Group: Streptavidin

Buffer: 10 mM PBS buffer (pH 7.4), 0.01% BSA and 0.02% NaN3

Form: Suspension

Highlights

Narrow size distribution

High colloidal stability

Low non-specific binding

Easy conjugation

Applications

Cell separation

Immunoprecipitation

Immunoassay

Storage

This product should be stored at 2-8 degree. **DO NOT FREEZE**.

Ordering Information

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