



PRODUCT DATA SHEET

PEG Iron Oxide Nanoparticles

Description

Abvigen's PEG Iron Oxide Nanoparticles 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. PEG magnetic nanoparticles are nanosized (10-30 nm) iron oxide particles with polyethylene glycol groups. With excellent colloidal stability and unique surface coating, the PEG magnetic nanoparticles exhibit high 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: 5 nm -30 nm

Size: 1 ml; 5 ml

Concentration: 5 mg/ml

Composition: iron oxide nanoparticles

Shape: Spherical

Functional Group: PEG

Buffer: DI Water

Form: Suspension

Highlights

Narrow size distribution

High colloidal stability

Low non-specific binding

Easy conjugation

Applications



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

Storage

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

Ordering Information

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