PRODUCT DATA SHEET

Azide Iron Oxide Nanoparticles

Description

Abvigen's Azide Iron Oxide Nanoparticles are nanosized (5-30 nm) iron oxide particles with azide groups. They are ready to conjugate with oligonucleotides, antibodies, or other ligands with DBCO groups without other crosslink reagents needed. With excellent colloidal stability and unique surface coating, the azide iron oxide 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: 5 nm -30 nm

Size: 1 ml; 5 ml; 10 ml

Concentration: 1 mg/ml; 10 mg/ml

Composition: iron oxide nanoparticles

Shape: Spherical

Functional Group: Azide

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)

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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**. If stored unopened and as specified, Abvigen Azide Iron Oxide Nanoparticles are stable for 12 months.

Ordering Information

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