

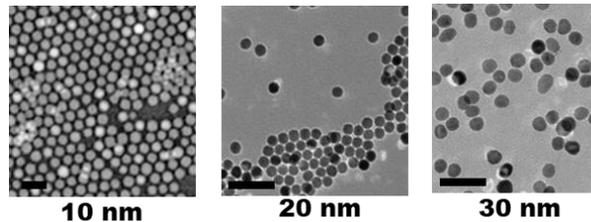
PEG Iron Oxide Nanoparticles

DESCRIPTION

Ocean NanoTech's 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 iron oxide nanoparticles are nanosized (10-30 nm) iron oxide particles with polyethylene glycol groups. With excellent colloidal stability and unique surface coating, the PEG iron oxide nanoparticles exhibit high binding capacity and low non-specific binding.

FEATURES

- Narrow size distribution
- High colloidal stability
- Low non-specific binding
- Easy purification approaches developed
- Size offered: 10 nm, 20 nm and 30 nm



SPECIFICATION

- **Zeta potential:** from -10mV to -30 mV
- **Concentration:** 5 mg/mL
- **Storage buffer:** DI water
- **Functional group:** PEG

STORAGE

Store at 2-8°C.

AVAILABLE PRODUCTS

Catalog	Product Description	Size	Concentration	Unit size
SMG05-01	PEG Iron Oxide Nanoparticles	5 nm	5 mg/mL	1 mL
SMG05-05	PEG Iron Oxide Nanoparticles	5nm	5 mg/mL	5 mL
SMG10-01	PEG Iron Oxide Nanoparticles	10 nm	5 mg/mL	1 mL
SMG10-05	PEG Iron Oxide Nanoparticles	10 nm	5 mg/mL	5 mL
SMG15-01	PEG Iron Oxide Nanoparticles	15 nm	5 mg/mL	1 mL
SMG15-05	PEG Iron Oxide Nanoparticles	15 nm	5 mg/mL	5 mL
SMG20-01	PEG Iron Oxide Nanoparticles	20 nm	5 mg/mL	1 mL
SMG20-05	PEG Iron Oxide Nanoparticles	20 nm	5 mg/mL	5 mL
SMG25-01	PEG Iron Oxide Nanoparticles	25 nm	5 mg/mL	1 mL
SMG25-05	PEG Iron Oxide Nanoparticles	25 nm	5 mg/mL	5 mL
SMG30-01	PEG Iron Oxide Nanoparticles	30 nm	5 mg/mL	1 mL
SMG30-05	PEG Iron Oxide Nanoparticles	30 nm	5 mg/mL	5 mL