

Product Data Sheet

Date of Issue: 26 Nov 2019

1. Product Information

- Product Name : Silica Carboxy Magnetic Nanoparticles
- Catalog Number : MNP1000
- Packing Unit : 20 mL / 50 mL
- Appearance : Aqueous suspension
- Storage Conditions : Protect from Light at 4 °C

2. Additional Information

- Surface modification : Carboxy
- Composition : Silanized Iron Oxide
- Type of Magnetization : Superparamagnetic
- Magnetization : > 110 EMU/g
- Diameter : 200 nm ~ 300 nm
- Concentration : 20 mg/mL
- Time for attached to magnet : < 10s
- Amount of antibody labeling : > 100 µg/mg

3. Description

BioActs Silica coated Magnetic Nanoparticles can be conjugated to a variety of biomolecules, proteins, antibodies, drug, nucleotide, etc., thus can be used in a wide range of applications such as cell and protein separation, immunoassay, nucleic acid extraction, etc.