



PRODUCT DATA SHEET

Ni-NTA Magnetic Particles

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: 500 nm -100 um

Size: 10 ml

Concentration: 10 mg/ml

Composition: PS Magnetic Particle

Shape: Spherical

Functional Group: Ni-NTA

Density: 1.1 g/ccm

Buffer: DI Water

Form: Suspension

Colour: dark brown

Highlights

Narrow size distribution

High colloidal stability

Low non-specific binding

Easy conjugation

Storage

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

For 10 mg/ml of Magnetic Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	10	1.39E+13	1.39E+14	6 um	10	8.04E+06	8.04E+07
100 nm	10	1.74E+12	1.74E+13	7 um	10	5.06E+06	5.06E+07



200 nm	10	2.17E+11	2.17E+12	8 um	10	3.39E+06	3.39E+07
300 nm	10	6.43E+10	6.43E+11	9 um	10	2.38E+06	2.38E+07
400 nm	10	2.71E+10	2.71E+11	10 um	10	1.74E+06	1.74E+07
500 nm	10	1.39E+10	1.39E+11	20 um	10	2.17E+05	2.17E+06
600 nm	10	8.04E+09	8.04E+10	30 um	10	6.43E+04	6.43E+05
700 nm	10	5.06E+09	5.06E+10	40 um	10	2.71E+04	2.71E+05
800 nm	10	3.39E+09	3.39E+10	50 um	10	1.39E+04	1.39E+05
900 nm	10	2.38E+09	2.38E+10	60 um	10	8.04E+03	8.04E+04
1 um	10	1.74E+09	1.74E+10	70 um	10	5.06E+03	5.06E+04
2 um	10	2.17E+08	2.17E+09	80 um	10	3.39E+03	3.39E+04
3 um	10	6.43E+07	6.43E+08	90 um	10	2.38E+03	2.38E+04
4 um	10	2.71E+07	2.71E+08	100 um	10	1.74E+03	1.74E+04
5 um	10	1.39E+07	1.39E+08	200 um	10	2.17E+02	2.17E+03

Ordering Information

Website: www.abvigen.com

Phone: +1 929-202-3014

Email: info@abvigenus.com