



PRODUCT DATA SHEET

Avidin 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: 20 nm -100 um

Size: 10 ml

Concentration: 25 mg/ml

Composition: PS Magnetic Particle

Shape: Spherical

Functional Group: Avidin

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 25 mg/ml of Magnetic Particles

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
50 nm	25	1.39E+13	3.47E+14	6 um	25	8.04E+06	2.01E+08
100 nm	25	1.74E+12	4.34E+13	7 um	25	5.06E+06	1.27E+08



200 nm	25	2.17E+11	5.43E+12	8 um	25	3.39E+06	8.48E+07
300 nm	25	6.43E+10	1.61E+12	9 um	25	2.38E+06	5.95E+07
400 nm	25	2.71E+10	6.78E+11	10 um	25	1.74E+06	4.34E+07
500 nm	25	1.39E+10	3.47E+11	20 um	25	2.17E+05	5.43E+06
600 nm	25	8.04E+09	2.01E+11	30 um	25	6.43E+04	1.61E+06
700 nm	25	5.06E+09	1.27E+11	40 um	25	2.71E+04	6.78E+05
800 nm	25	3.39E+09	8.48E+10	50 um	25	1.39E+04	3.47E+05
900 nm	25	2.38E+09	5.95E+10	60 um	25	8.04E+03	2.01E+05
1 um	25	1.74E+09	4.34E+10	70 um	25	5.06E+03	1.27E+05
2 um	25	2.17E+08	5.43E+09	80 um	25	3.39E+03	8.48E+04
3 um	25	6.43E+07	1.61E+09	90 um	25	2.38E+03	5.95E+04
4 um	25	2.71E+07	6.78E+08	100 um	25	1.74E+03	4.34E+04
5 um	25	1.39E+07	3.47E+08	200 um	25	2.17E+02	5.43E+03

Ordering Information

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