



Biotin Magnetic Particles

PRODUCT DATA SHEET

Biotin 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

Size: 5 ml, 10 ml, 20 ml

Surface: Biotin

Shape: Spherical

Composition: Fe₃O₄(<500 nm)

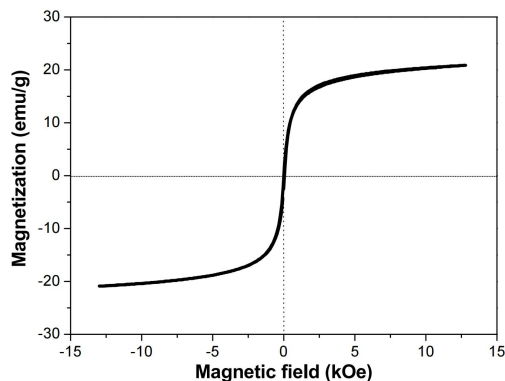
Magnetic Polystyrene Matrix Particles(>500 nm)

Standard deviation: CV<5%

Form: Suspension

Buffer: PBS

Density: 1.1 g/ccm(<500 nm); 5.35 g/ccm(>500 nm);



VSM of 20 um

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

NPS of Particles, 10 mg/ml

Diameter	Conc. mg/ml	Particles/mg	Particles/ml	Diameter	Conc. mg/ml	Particles/mg	Particles/ml
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50 nm	10	2.86E+12	2.86E+13	6 um	10	8.04E+06	8.04E+07
100 nm	10	3.57E+11	3.57E+12	7 um	10	5.06E+06	5.06E+07
200 nm	10	4.46E+10	4.46E+11	8 um	10	3.39E+06	3.39E+07
300 nm	10	1.32E+10	1.32E+11	9 um	10	2.38E+06	2.38E+07
400 nm	10	5.58E+09	5.58E+10	10 um	10	1.74E+06	1.74E+07
500 nm	10	2.86E+09	2.86E+10	20 um	10	2.17E+05	2.17E+06
600 nm	10	1.65E+09	1.65E+10	30 um	10	6.43E+04	6.43E+05
700 nm	10	1.04E+09	1.04E+10	40 um	10	2.71E+04	2.71E+05
800 nm	10	6.97E+08	6.97E+09	50 um	10	1.39E+04	1.39E+05
900 nm	10	4.90E+08	4.90E+09	60 um	10	8.04E+03	8.04E+04
1 um	10	3.57E+08	3.57E+09	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

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