

---

## **Product Information – fluidMAG-Biotin**

---

Product:	<b>fluidMAG-Biotin</b>	
Article Number:	4201-1 (1 ml); 4201-5 (5 ml)	
Description:	Aqueous dispersion of magnetic nanoparticles	
Application:	For binding of avidin or streptavidin labeled molecules	
Weight of Volume:	10 mg/ml	
Lot:		
Production Date:		
Core:	Magnetite	
Matrix:	Starch	
Size (hydrodynamic diameter):	100 nm	200 nm
Number of Particles:	~ 1.8 x 10 <sup>15</sup> /g	~ 2.2 x 10 <sup>14</sup> /g
Density:	~ 1.25 g/cm <sup>3</sup>	
Type of Magnetization:	Superparamagnetic	
Functional Group:	Biotin	
Storage Buffer:	ddH <sub>2</sub> O, 0.05 % sodium azide	
Autoclaved:	No	
Storage:	4 – 8 °C. <b>Do not freeze!</b>	
Expiry date:	One year after production date	

---

