
Product Information – fluidMAG-Streptavidin

Product:	fluidMAG-Streptavidin	
Article Number:	4205-1 (1 ml); 4205-5 (5 ml)	
Description:	Aqueous dispersion of magnetic nanoparticles	
Application:	For purification or separation of biotinylated biomolecules, including antigens, antibodies or nucleic acids from different sources such blood, sera, tissues and food.	
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 ¹⁵ /g	~ 2.2 x 10 ¹⁴ /g
Density:	~ 1.25 g/cm ³	
Type of Magnetization:	Superparamagnetic	
Functional Group:	Streptavidin	
Binding Capacity:	80 pmol biotinylated protein / 1 mg fluidMAG-Streptavidin 150 pmol biotinylated oligonucleotide / 1 mg fluidMAG-Streptavidin	
Storage Buffer:	PBS, 0.1 % BSA, 0.05 % sodium azide	
Autoclaved:	No	
Storage:	4 – 8 °C. Do not freeze!	
Expiry date:	One year after production date	

