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## **Product Information – fluidMAG-Protein G**

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Product:	<b>fluidMAG-Protein G</b>	
Article Number:	4204-1 (1 ml); 4204-5 (5 ml)	
Description:	Aqueous dispersion of magnetic nanoparticles	
Application:	Strong binding affinity to the Fc region of IgGs; see protocol: B2	
Weight of Volume:	10 mg/ml	
Production Date:		
Lot:		
Core:	Magnetite	
Matrix:	Starch	
Size approx.:	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:	Protein G	
Binding capacity:	4 – 6 mg human IgG / ml	
Storage Buffer:	PBS, 0.05 % sodium azide	
Autoclaved:	No	
Storage:	4 – 8 °C. <b>Do not freeze!</b>	
Expiry date:	Six months after production date	

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