
Product Information – SiMAG-Biotin

Product:	SiMAG-Biotin
Article Number:	1503-1 (1 ml); 1503-5 (5 ml)
Description:	Aqueous dispersion of magnetic silica particles
Application:	For binding of avidin or streptavidin labeled molecules
Weight of Volume:	10 mg/ml
Lot:	
Production Date:	
Core:	Maghemite
Matrix:	Silica, non-porous
Size (hydrodynamic diameter):	1 μm
Number of Particles:	$\sim 1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 50 \text{ m}^2/\text{g}$
Density:	$\sim 2.25 \text{ g}/\text{cm}^3$
Type of Magnetization:	Superparamagnetic
Functional Group:	Biotin
Binding Capacity:	75 μg Streptavidin / 1 mg SiMAG-Biotin
Autoclaved:	No
Storage Buffer:	ddH ₂ O, 0.05 % sodium azide
Storage:	At 4 – 8 °C. Do not freeze!
Expiry date:	Six months after production date
Note:	For complete resuspension vortex thoroughly!

