
Product Information – SiMAG/K-DNA

Product:	SiMAG/K-DNA
Article Number:	1103-1 (1 ml) ; 1103-5 (5 ml)
Description:	Aqueous dispersion of magnetic silica particles
Application:	Purification of DNA/RNA, adsorption of biomolecules
Lot Number:	-
Production Date:	-
Weight of Volume:	100 mg/ml
Core:	Magnetite
Matrix:	Silica, porous
Size (hydrodynamic diameter):	1.0 μm
Number of Particles:	$1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 100 \text{ m}^2/\text{g}$
Density:	$\sim 2.25 \text{ g}/\text{cm}^3$
Type of Magnetization:	Superparamagnetic
Functional Group:	Silanol, -Si-OH
Autoclaved:	Yes
Storage Buffer / Solution:	ddH ₂ O
Storage:	At 4 – 8 °C. Do not freeze!
Expiry Date:	Two years after production date.
Note:	For complete resuspension vortex thoroughly!

