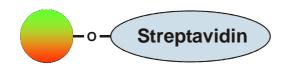
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Product Information – screenCORE-Streptavidin

Product:	screenCORE-Streptavidin (Fluorescent Beads)				
Article Number:	6205-1 (1 ml) ; 6205-5 (5 ml)				
Description:	Aqueous dispersion of fluorescent silica particles				
Application:	For isolation of biotin labeled molecules				
Lot Number:					
Production Date:					
Weight of Volume:	10 mg/ml				
Matrix:	Silica, high-porous				
Size (hydrodynamic diameter):	1.0 µm				
Number of Particles:	~ 1.8 x 10 ¹² /g				
Surface Area:	~ 100 m²/g				
Density:	~ 2.25 g/cm ³				
Functional Group:	Streptavidin				
Binding Capacity:	80 pmol/mg biotinylated protein, 150 pmol/mg biotinylated oligonucleotide				
screenCORE/ Fluorescence Color: Excitation: Emission:	B blue 400 nm 420 nm	GQ green 423 nm 503 nm	GF green 436 nm 520 nm	GA green 460 nm 550 nm	G green 502 nm 525 nm
screenCORE/ Fluorescence Color: Excitation: Emission:	OE orange 510 nm 595 nm	O orange 526 nm 555 nm	OP orange 536 nm 617 nm	RR red 540 nm 625 nm	R red 633 nm 672 nm
Autoclaved:	No				
Storage Buffer / Solution:	PBS, 0.05 % sodium azide				
Storage:	At 4 – 8 °C. Do not freeze! PROTECT FROM LIGHT!				
Expiry Date:	Six months after production date.				
Note:	For complete resuspension vortex thoroughly!				



NOTE: The fluorescence of the screenMAG particles is only detectable on the same side where the excitation takes place.

Please note that there is a difference in fluorescence observation between dissolved fluorescence molecules and solid fluorescence particles. Fluorescence spectrophotometer with a fluorescence detection unit with an angle of 90° to the excitation source will detect no or only weak fluorescence signals.