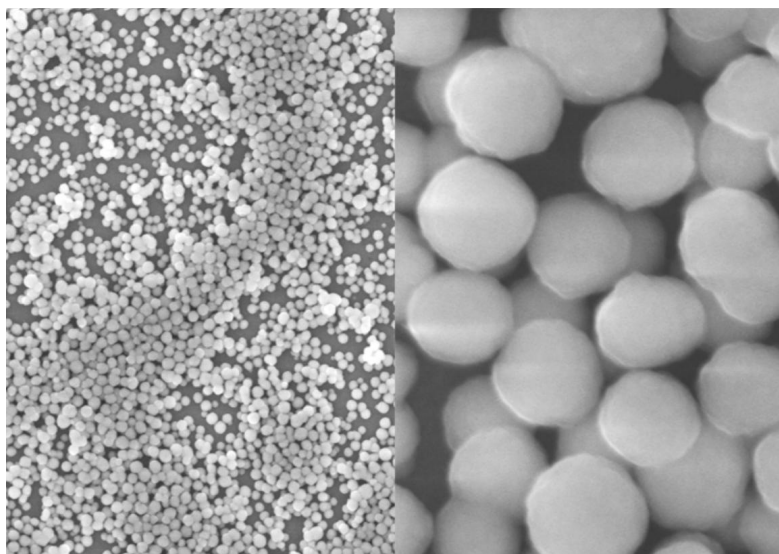


Datasheet

Cat# NBGN-100131

Version# RN5.9



Product Name	NebuChem™ Streptavidin Magnetic Beads (High Affinity)
Size	1ml;5ml;10ml;50ml;100ml;Bulk
Description	NebuChem™ Streptavidin Magnetic Beads (Ultra High Affinity)(CAT#NBGN-100131) are super paramagnetic beads of ~300nm in diameter, covalently coated with highly purified streptavidin. The core is nanometer-scale superparamagnetic iron oxide and is entirely encapsulated by a high purity silica shell. The interaction between streptavidin and biotin exhibits one of the highest known non-covalent interactions($K_d \approx 10^{-15}$ M).
Matrix	Nanometer-scale superparamagnetic iron oxide beads encapsulated by a high purity silica shell
Appearance	Brown to black suspension
Concentration	10mg/mL; > 3×10^{10} beads/mg
Binding Capacity	> 20ug biotin-IgG/mg; > 1000pmol f-biotin/mg
Storage Solution	10mM Tris-HCl(pH7.4), 0.1% BSA, 0.05% Tween-20, 0.05% ProClin 300
Storage	2 - 8°C; Freezing is prohibited