

Datasheet

Cat#NBGN-100129

Version# RN5.9



Product Name	NebuChem™ Streptavidin Magnetic Beads
Size	0.5ml;5ml;Bulk
Description	<p>NebuChem™ Streptavidin Magnetic Beads(CAT#NBGN-100129) are super paramagnetic beads of ~45-100µm in diameter, covalently coated with highly purified streptavidin. These magnetic beads are composed of magnetite core encapsulated by agarose. The magnetic beads have streptavidin as its surface protein which is 53kDa. in size having four binding site per molecule. These beads have pH stability of 2 to 14 (short term); 3 to 13 (long term). The beads are supplied as 25% slurry in phosphate buffered saline (PBS), pH 7.4, containing 20% ethanol.</p>
Principle	<p>Add the sample containing biotinylated molecules to the NebuChem™ Streptavidin Magnetic Beads(CAT#NBGN-100129) and allow the molecules bind to the magnetic beads during a short incubation. Then separate the molecule-bound beads with a magnetic separation rack. With indirect capture, mix the biotinylated molecule with the sample to capture the molecule-target complex before adding the magnetic beads.</p>
Storage	<p>This product is stable until the expiration date stated on the COA, when stored unopened at 2–8°C. Freezing is prohibited the product. Keep the magnetic beads in liquid suspension during storage and all handling steps. Drying will cause loss of binding capacity and result in reduced performance. Resuspend the beads well before use. Be careful to avoid bacterial/fungal contamination.</p>
