

Datasheet

Cat#NBGN-100120

Version# RN5.9



Product Name	NebuChem™ Protein A/G Magnetic Beads
Size	0.5ml; 5ml; Bulk
Description	NebuChem™ Protein A/G Magnetic Beads(CAT#NBGN-100120) are super paramagnetic beads of average 40µm in diameter, covalently coated with recombinant Protein A/G. The beads are supplied as 25% slurry in 20% ethanol. The Protein A/G magnetic beads have a binding capacity of more than 10 mg Human IgG per 1 ml settled beads (e.g. 4 ml 25% slurry).
Principle	The sample containing antibody is added to the Protein A/G magnetic beads. The antibody will bind to beads during a short incubation. Then the beads-bound antibody may be eluted from the beads by using a magnetic separation rack, or used for immunoprecipitation (IP). A cross-linking procedure may be needed before IP to prevent co-elution of the primary antibody. Magnetic separation eliminates the changes of micro tubes, minimizes the loss of sample and removes excessive steps of traditional centrifugation method.
Storage and Stability	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.
