

# Datasheet

Cat#NBGN-100119

Version# RN5.9



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<b>Product Name</b>	NebuChem™ Protein G Magnetic Beads
<b>Size</b>	0.5ml;5ml;Bulk
<b>Description</b>	NebuChem™ Protein G Magnetic Beads(CAT#NBGN-100119) are super paramagnetic beads of average $45 \pm 5 \mu\text{m}$ in diameter, covalently coated with recombinant Protein G. The beads are supplied as 25% slurry in phosphate buffered saline (PBS), pH 7.4, containing 20% ethanol. The Protein 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).
<b>Principle</b>	The sample containing antibody is added to the NebuChem™ Protein G Magnetic Beads(CAT#NBGN-100119). The antibody will bind to beads during a short incubation. Then the beads-bound antibody can be eluted from the beads by using a magnetic separation rack. Magnetic separation eliminates the changes of micro tubes, minimizes the loss of sample and removes excessive steps of traditional centrifugation method.
<b>Storage and Stability</b>	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.

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