Catalog number RS-PROTA-MAG

Protein A Magnetic Beads

Recombinant Protein A on 30 µm superparamagnetic agarose beads, binding >=25 µg human IgG per mg of beads. For immunoprecipitation and small-scale IgG pull-downs on a magnetic rack, with no column and no centrifugation.

Specification

Ligand	recombinant Protein A (E. coli)
Matrix	superparamagnetic agarose composite
Bead type	spherical magnetic
Bead size	30 µm (d50 volume-weighted)
Dynamic binding capacity	25 µg human IgG/mg beads (batch binding, polyclonal hIgG, 30 min at room temperature)
Ligand leakage	<=20 ng/mg IgG (ELISA)
Binding buffer	PBS pH 7.4, 0.05% Tween-20
Elution buffer	0.1 M glycine-HCl pH 2.5 to 3.0, neutralize immediately with 1 M Tris-HCl pH 8.5
Storage buffer	PBS with 0.02% sodium azide, 2-8 °C. Do not freeze: freezing cracks the beads.
Clean-in-place	Not suitable for caustic clean-in-place. Wash between steps in binding buffer and treat beads as single-use for immunoprecipitation, where carry-over between samples matters more than bead cost.
Format	bulk resin

Ordering

Catalog no.	Pack	List price	Availability
RS-PROTA-MAG-1ML	1 mL of 25% bead slurry	$55	Waitlist
RS-PROTA-MAG-5ML	5 mL of 25% bead slurry	$220	Waitlist

Storage and shipping

Cold chain	2 to 8 °C on conditioned gel packs.
Hazard classification	None

RS-PROTA-MAG continued

Certificate of Analysis	Issued per lot and shipped with the product. Any lot can be retrieved at bramantebio.com/support/coa/

Research use only

For research use only. Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use. The purchaser is responsible for determining suitability for their application and for compliance with applicable biosafety and institutional requirements.