

# LOABeads™ PrtA60

## Description

LOABeads PrtA60 are super-paramagnetic agarose beads covalently coupled with recombinant protein A. The black beads are clearly visible, strongly attracted to external magnets and easily resuspended. The quantity of beads can readily be scaled up or down to match application.

## Applications

LOABeads PrtA60 are intended for purification of antibodies from serum and ascites fluid samples, and IgG serum depletion. The product is for research use only and not intended for human use or for use in diagnostic applications.

## Product data

Product name	LOABeads™ PrtA60
Product number	1200
Particle size	45–165 µm
Ligand	Recombinant protein A
Type magnetization	Super-paramagnetic
Matrix	4% agarose
Product form	10% bead suspension in PBS with 20% ethanol
Binding capacity <sup>1</sup>	40 mg rabbit IgG/ml settled beads
Max. binding capacity <sup>2</sup>	60 mg human IgG/ml settled beads
Binding buffer	PBS
Elution buffer	60 mM citrate pH 3.0
Storage conditions	+2 to +8°C in PBS with 20% ethanol
Stability information <sup>3</sup>	24 months
Regeneration	Can be reused multiple times

<sup>1</sup>Binding capacity was determined by incubating 500 µl 10% LOABeads PrtA60 (50 µl beads) with rabbit IgG (2 mg/ml in 1 ml PBS) for 60 minutes at room temperature. Binding capacity is the maximal binding capacity obtained with a yield of 90% or more during the above specified conditions.

<sup>2</sup> Determined in an overloading test at 5 mg IgG/ml after 60 min reaction.

<sup>3</sup> Data of product stability is continuously updated based on ongoing stability studies.

## Ordering information

Products	Quantity	Product no.
LOABeads™ PrtA60	5 ml beads	1201
LOABeads™ PrtA60	10 ml beads	1202
LOABeads™ PrtA60	25 ml beads	1203