

# LOABeads™ AffiAmino

## Description

LOABeads AffiAmino are super-paramagnetic agarose beads functionalized with amino-reactive groups. 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 AffiAmino are intended for covalent coupling of molecules with primary amino-groups in e.g. proteins such as antibodies, enzymes and aptamers. Subsequently, target proteins can be affinity purified using magnetic separation technology. The product is for research use only and not intended for human use or for use in diagnostic applications.

## Product data

Product name	LOABeads™ AffiAmino
Product number	1003
Particle size	45–165 µm
Coupling to	Primary amino groups
Type magnetization	Super-paramagnetic
Matrix	4% agarose
Product form	10% bead suspension in PBS with 20% ethanol
Coupling capacity <sup>1</sup>	0.5–1 mg IgG/ml bead suspension 5–10 mg IgG/ml settled beads
Binding buffer	PBS with 0.1% Tween 20®
Storage conditions	+2 to +8°C in PBS with 20% ethanol
Stability information <sup>2</sup>	12 months

<sup>1</sup> 90% coupling of rabbit IgG (1 mg/ml) after 60 min incubation.

<sup>2</sup> Data of product stability is continuously updated based on ongoing stability studies.

## Ordering information

Products	Quantity	Product no.
LOABeads™ AffiAmino	2x1 ml 10% beads	1003-2ml
LOABeads™ AffiAmino	5x1 ml 10% beads	1003-5ml
LOABeads™ AffiAmino	10 ml 10% beads	1003-10ml

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