

LOABeads™ AffiActive

Description

LOABeads AffiActive 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 AffiActive are intended for covalent coupling of molecules with primary amino-groups or thiols, for example peptides and 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™ AffiActive10
Product number	1300
Particle size	45–165 µm
Coupling to	Primary amino and thiol groups
Type magnetization	Super-paramagnetic
Matrix	4% agarose
Product form	10% bead suspension in PBS with 20% ethanol
Coupling capacity ¹	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 ²	24 months

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

² Data of product stability is continuously updated based on ongoing stability studies.

Ordering information

Products	Quantity	Product no.
LOABeads™ AffiActive	1 ml beads	1301
LOABeads™ AffiActive	10 ml beads	1302
LOABeads™ AffiActive	50 ml beads	1303

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