

MagIso™ Protein A Agarose Particles

Immunoprecipitation (IP) Kit, 90 µm

Cat.No: DAG-24BY06

DESCRIPTION

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This kit is used for the detection of target proteins or their protein complexes by immunoprecipitation (IP) or co-immunoprecipitation (co-IP) using recombinant Protein A conjugated 4% crosslinked agarose particles combined with specific antibodies. The recombinant Protein A in this product can bind specifically to the Fc-terminus of most mammalian IgG with a molecular weight of 14 kDa. It retains only the amino acid sequence associated with binding to the IgG Fc terminus, removing sequences that may lead to non-specific binding beyond the binding site, and thus can effectively reduce non-specific binding. Each Protein A molecule of this product can bind 2 IgG molecules.

APPLICATION

Application Notes

Protein purification, pull down, IP, Co-IP

KIT COMPONENTS

Kit Components	Quantity	Storage
Lysis Buffer	50 mL, 250 mL	-20°C
TBS (10X)	10 mL, 30 mL	-20°C
Protease Inhibitor Cocktail (100X)	0.5 mL, 2.5 mL	-20°C
Protein A Agarose Particles	0.4 mL, 2 mL	4°C

Kit Components	Quantity	Storage
Normal Mouse IgG (1 mg/mL)	10 µL, 50 µL	-20°C
Normal Rabbit IgG (1 mg/mL)	10 µL, 50 µL	-20°C
Acid Elution Buffer	2 mL, 10 mL	-20°C
Neutralization Buffer	0.2 mL, 1 mL	-20°C
SDS-PAGE Sample Loading Buffer (2X)	0.6 mL, 3 mL	-20°C

PRODUCT INFORMATION

Particle Size	90 µm
Ligand	rProtein A
Concentration	25% v/v
Usage Statement	Elution with acid, competing peptide or SDS-PAGE loading buffer
Matrix	4% agarose
Binding Capacity	30 mg human IgG/mL settled gel
Surface Group Density	20 mg Protein A/mL settled gel

STORAGE AND SHIPPING

Shelf Life	1 year
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