

MagIso™ Anti-V5 Tag Agarose Particles Immunoprecipitation (IP) Kit, 90 µm

Cat.No: DAG-24BY12

DESCRIPTION

Description This kit is used for for the detection of V5 tag fusion proteins or components of their protein complexes by immunoprecipitation (IP) or co-immunoprecipitation (co-IP) using anti-V5 (GKPIPPLLGLDST) antibody conjugated 4% agarose particles.

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)	5 mL, 15 mL	-20°C
Protease Inhibitor Cocktail (100X)	0.5 mL, 2.5 mL	-20°C
Anti-V5 Agarose Particles	0.4 mL, 2 mL	4°C
Mouse IgG Agarose Particles	80 µL, 0.4 mL	4°C
V5 peptide (25X)	80 µL, 0.4 mL	-20°C
Acid Elution Buffer	2 mL, 10 mL	-20°C
Neutralization Buffer	0.2 mL, 1 mL	-20°C

Kit Components	Quantity	Storage
SDS-PAGE Sample Loading Buffer (2X)	0.6 mL, 3 mL	-20°C

PRODUCT INFORMATION

Particle Size	90 µm
Ligand	Anti-V5 Tag Antibody
Concentration	50% v/v
Usage Statement	Elution method: Acid, alkaline, neutral, peptide competitive or SDS-PAGE loading buffer elutions. Note: If elute with SDS-PAGE loading buffer, the light (~25 kDa) and heavy (~50 kDa) chain of antibody will be denatured and release from the gel.
Matrix	4% agarose
Binding Capacity	0.5 mg V5-tagged protein/mL settled gel
Surface Group Density	7.5 mg anti-V5 tag antibody/mL settled gel
Clonality	Monoclonal
Host/Isotype	Mouse, IgG1

STORAGE AND SHIPPING

Storage Buffer	50% glycerol with 10 mM phosphate-buffered saline and preservative (pH7.4)
Shelf Life	1 year