

V5 Magnetic CoIP Agarose kit

Cat. No. V5-04A Lot. No. (See product label)

SPECIFICATION

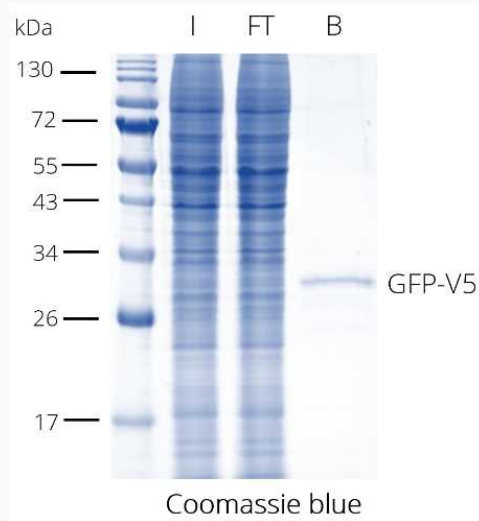
Product Overview	<p>The V5-Trap Magnetic Agarose Kit contains V5-Trap Magnetic Agarose, lysis, wash, and elution buffers for efficient immunoprecipitation of V5-tagged proteins and their interacting factors.</p> <ul style="list-style-type: none"> • Fast, reliable & efficient one-step immunoprecipitation • Ready-to-use • No heavy & light antibody chains on the SDS-PAGE • Stable under harsh washing conditions • Suitable for downstream mass spec analysis
Specificity/Target	V5-tag sequence GKPIPPLLGLDST at the N-terminus, C-terminus, or internal site of the fusion protein.
Binding capacity	17.5 µg of recombinant V5-tagged protein (~30 kDa) per 25 µL bead slurry
Conjugate	Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)
Elution buffer	V5-peptide SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	2 % Nonidet P40 Substitute, 2 % Triton X-100, 1 M NaCl, 5 mM TCEP, 5 mM DTT, 10 mM β-mercaptoethanol, 4 M Urea
Type	Nanobody

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Affinity (KD)	Dissociation constant KD of 40 nM
Storage Buffer	20% ethanol
Applications	IP, CoIP, CHIP, RIP, Protein purification

Western Blot

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