

GFP Magnetic CoIP Agarose

Cat. No. GFP-02A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of GFP-fusion proteins and their interacting factors with anti-GFP Nanobody conjugated to magnetic agarose beads. • Fast, reliable & efficient one-step immunoprecipitation • Ready-to-use • No heavy & light antibody chains • Stable under harsh washing conditions • Suitable for downstream mass spec analysis • Works in samples from: mammals, plants, bacteria, yeast, insects etc.
Specificity/Target	AcGFP, Clover, eGFP, Emerald, GFP, GFP5, GFP Envy, GFP S65T, mGFP, mPhluorin, PA-GFP, Superfolder GFP, TagGFP, TagGFP2, monomeric eGFP A206K, CFP, YFP, Citrine, eCitrine, eYFP, Venus, Ypet, BFP
Binding capacity	15-20 µg of recombinant GFP per 25 µL bead slurry
Conjugate	Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)
Elution buffer	SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	1 mM DTT, 3 M Guanidinium•HCl, 8 M Urea, 2 M NaCl, 2 % Nonidet P40 Substitute, 1 % SDS, 1 % Triton X-100
Type	Nanobody

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Affinity (KD)	Dissociation constant KD of 1 pM
Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP
Storage	Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Western Blot	