

For Research Use Only

GFP-Trap® Agarose



www.ptglab.com

Catalog Number: gta

4281 Publications

Basic Information

Catalog Number:
gta

Applications:
IP, CoIP, ChIP, RIP

Conjugate:
Agarose beads; bead size: ~ 90 µm (cross-linked 4 % agarose beads)

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant

Description

GFP-Trap® Agarose is an affinity resin for IP of GFP-fusion proteins. It consists of a GFP Nanobody/ VHH coupled to agarose beads.

Binding capacity

25-30 µg of recombinant GFP per 25 µL bead slurry

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
For the complete list, please click here: [Fluorescent protein specificity table](#)

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

Affinity (K_D)

Dissociation constant K_D of 1 pM

Storage

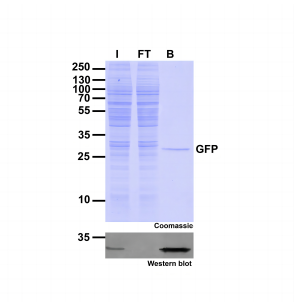
Storage:
Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Storage Buffer:
20% ethanol

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunoprecipitation of GFP with GFP-Trap Agarose beads. I: Input, FT: Flow-Through, B: Bound.