

For Research Use Only

# GFP-Trap® Agarose



[www.ptgcn.com](http://www.ptgcn.com)

Catalog Number: gta

4282 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

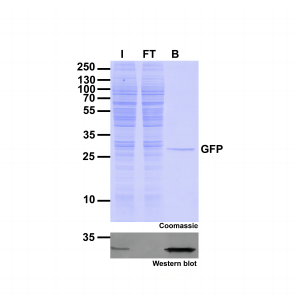
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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