



# Protein A Agarose Column

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## Symbol Key



Consult instructions for use.

## **Protein A Agarose Column**

Catalog No. PAA00

*Sample insert for reference use only*

### **Introduction**

The recombinant protein is produced in *E. coli* and engineered with an oriented coupling to enhance binding capacity. Epoxy-based coupling ensures low ligand leakage. Specificity of the recombinant protein for the Fc region of IgG is similar to the native protein, giving a high degree of selectivity and yield.

### **Binding Capacity**

11 - 20 mg human IgG per mL resin

### **Presentation**

Preswollen gel, ready-to-use, 5ml gel (settled gel volume) in buffer that contains 14-19% ethanol as a preservative, nonsterile in column with stopper and cap.

### **Purity**

> 2.5mg Protein G (>98% pure)/1ml gel

### **Volume**

2 ml settled gel volume in column with cap and stopper

### **Application**

- Affinity chromatography
- Immunoprecipitation

Recombinant protein G binds to the Fc region of many types of immunoglobulin G including:

- Human IgG1, IgG2 and IgG4
- mouse IgG (all subclasses)
- rabbit IgG
- guinea pig IgG
- rat IgG (all subclasses)
- goat IgG
- sheep IgG
- cow IgG
- horse IgG
- Dog IgG

No binding to the following:

- Chicken IgY
- Human IgA
- Human IgM
- Serum Albumin

### **Storage Temperature**

2-8°C