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# cappel

**ANTIBODY AFFINITY GEL  
GOAT AFFINITY PURIFIED ANTIBODY TO  
RABBIT IGG (WHOLE MOLECULE) - 2ML**

**Catalog #: 55696**

**Lot #: 06370**

Binding Capacity: 1.12 mg IgG/ml of gel

## **DESCRIPTION:**

Product is goat affinity purified antibody to rabbit IgG (whole molecule) covalently coupled to 2 ml of Sepharose-4B, and packed in a polystyrene chromatography column.

The chromatography gel is in 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide and 10% glycerol (v/v).

## **USES:**

The chromatography gel can be used for purification of rabbit immunoglobulins (See Protocol for Affinity Purification). With appropriate elution buffers, the gel may be re-used.

## **PROTOCOL FOR AFFINITY PURIFICATION**

1. Wash column several times with 0.02M PBS, pH 7.3. (0.05% sodium azide is optional.) - **DO NOT ALLOW GEL TO BECOME DRY.**
2. Apply sample in 0.02M PBS, pH 7.3.
3. Wash column with 0.02M PBS, pH 7.3.
4. Elute with freshly prepared 0.5% glacial acetic acid (v/v) with 0.15M sodium chloride. The pH should be at or just below 3.5.
5. Dialyze eluate into a buffer, e.g., PBS. Avoid leaving in acetic acid for a prolonged period.
6. Wash column several times with 0.02M PBS, pH 7.3 immediately after use. (Addition of 0.05% sodium azide or other preservative to the equilibration buffer is recommended to inhibit microbial growth during storage.) **DO NOT ALLOW GEL TO BECOME DRY.** Store at 2-8°C.

## **SPECIFICATIONS:**

The antibody shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Each ml of gel has a minimum binding capacity of 1.0 mg of rabbit IgG. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins.

## **STORAGE:**

Store product at 2-8°C. Addition of 0.05% sodium azide or other preservative to the equilibration buffer is recommended to inhibit microbial growth during storage. Do not freeze.

**WARNING AND CAUTION:**

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

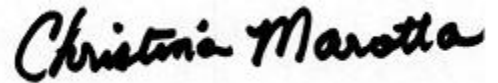
This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #   Description   Size

55961 RABBIT IGG AFFINITY GEL   2ML  
55259 AFF.PUR. GOAT ANTI-HUMAN IGG (WM) AFF. GEL   2ML  
55581 AFF.PUR. GOAT ANTI-MOUSE IGG (WM) AFF. GEL   2ML  
55786 AFF.PUR. GOAT ANTI-RAT IGG (WM) AFF. GEL   2ML  
55944 PURIFIED RABBIT IGG   50MG  
55926 PURIFIED GOAT IGG   50MG

Sepharose-4B is a registered trademark of Pharmacia.



**Approved by:** *Christina Marotta*  
Quality Control Director

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