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TECHNICAL INFORMATION

cappel

Catalog Number: 55696

Antibody Affinity Gel Goat Affinity Purified Antibody To Rabbit IgG (Whole Molecule)

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, 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

- Wash column several times with 0.02M PBS, pH 7.3. (0.05% sodium azide is optional.) - DO NOT ALLOW GEL TO BECOME DRY.
- Apply sample in 0.02M PBS, pH 7.3.
- Wash column with 0.02M PBS, pH 7.3.
- 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.
- Dialyze eluate into a buffer, e.g., PBS. Avoid leaving in acetic acid for a prolonged period.
- 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.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55961 RABBIT IGG AFFINITY GEL2ML
55259 AFF.PUR. GOAT ANTI-HUMAN IGG (WM) AFF. GEL2ML
55581 AFF.PUR. GOAT ANTI-MOUSE IGG (WM) AFF. GEL2ML
55786 AFF.PUR. GOAT ANTI-RAT IGG (WM) AFF. GEL2ML
55944 PURIFIED RABBIT IGG50MG
55926 PURIFIED GOAT IGG 50MG

Sepharose-4B is a registered trademark of Pharmacia.

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.