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Datasheet for ABIN457748

Goat anti-Guinea Pig IgG1 (Fc Region) Antibody

Overview

| | |
|----------------------|---|
| Quantity: | 1 mL |
| Target: | IgG1 |
| Binding Specificity: | Fc Region |
| Reactivity: | Guinea Pig |
| Host: | Goat |
| Clonality: | Polyclonal |
| Application: | Immunodiffusion (ID), Immunoelectrophoresis (IEP) |

Product Details

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|------------------|---|
| Immunogen: | Pools of purified normal IgG1 isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Isotype: | IgG |
| Specificity: | The reactivity of the antiserum is directed to the Fc subunit of subclass IgG1. |
| Characteristics: | Precipitating polyclonal goat antiserum to guinea pig IgG1, subclass specific Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. Antibody titre: Precipitin titre not less than 1:16 when tested against pooled normal guinea pig serum in agar block immun |
| Purification: | Delipidated, heat inactivated, lyophilized whole antiserum. Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of |

Product Details

insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Target Details

Target: IgG1

Abstract: [IgG1 Products](#)

Target Type: Antibody

Application Details

Application Notes: In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG1 in guinea pig serum and other body fluids or to determine its concentration. To prepare an immunoadsorbent for the purification of guinea pig IgG1 from serum or plasma.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.

Buffer: No foreign proteins added.

Preservative: Without preservative

Handling Advice: Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4 °C, not refrozen, and preferably used the same day.

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized antiserum is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.