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Datasheet for ABIN457749

Goat anti-Guinea Pig IgG2 (Fc Region) Antibody

Overview

Quantity:	1 mL
Target:	IgG2
Binding Specificity:	Fc Region
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP)

Product Details

Immunogen:	Pools of purified normal IgG2 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 IgG2.
Characteristics:	Precipitating polyclonal goat antiserum to guinea pig IgG2, 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 1:32 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: IgG2

Abstract: [IgG2 Products](#)

Target Type: Antibody

Application Details

Application Notes: In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG2 in guinea pig serum and other body fluids or to determine its concentration. To prepare an immunoadsorbent for the purification of guinea pig IgG2 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.