

Datasheet for ABIN457746

Goat anti-Guinea Pig IgG (Chain kappa), (Chain lambda), (Fab Region), (Free & Bound) Antibody



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Overview

Quantity:	1 mL
Target:	IgG
Binding Specificity:	Chain kappa, Chain lambda, Fab Region, Free & Bound
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Purified Fab of normal IgG isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The antiserum is reacting with the Fab subunits IgG, IgA, IgM and other Ig classes of both light chain type, with their Fab or F(ab') ₂ subunits and with free light chains of kappa and lambda type.
Characteristics:	<p>Precipitating polyclonal goat antiserum to guinea pig Fab of IgG</p> <p>Total protein and IgG concentration in the antiserum are comparable to those of pooled goat serum. Antibody titre: Precipitin titre not less than 1:64 when tested against normal guinea pig serum in agar block titration.</p>
Purification:	<p>Delipidated, heat inactivated, lyophilized stable whole serum</p> <p>Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity</p>

Product Details

with other serum protein. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: In precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify and measure immunoglobulins, as secondary antibody to precipitate the immunoglobulin in normal guinea pig serum.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is reconstituted by adding 1 mL sterile distilled water.

Buffer: No foreign proteins added.

Preservative: Without preservative

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

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.