

Datasheet for ABIN458182

Pig anti-Human 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:	Human
Host:	Pig
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Purified Fab of normal human IgG. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The antiserum is reacting with the Fab subunit of intact IgG, IgA and IgM and other Ig classes of both light chain types, with their Fab or F(ab') ₂ subunits and with free light chains of kappa and lambda type as tested in immunoelectrophoresis and double radial immunodiffusion
Characteristics:	<p>Precipitating polyclonal swine antiserum to human Fab of IgG</p> <p>Total protein and IgG concentration in the antiserum are comparable to those of pooled swine serum. Antibody titre: Precipitin titre not less than 1:32 when tested against normal human 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 antibodies</p>

Product Details

reacting with other subunits of the immunoglobulin or reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of foreign protein or immune complexes in the antiserum.

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Application Details

Application Notes: In immunoelectrophoresis and double radial immunodiffusion to identify the presence of Fab, free or bound.

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: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

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.