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Datasheet for ABIN458146 **anti-SERPIND1 antibody**

Overview

Quantity:	1 mL
Target:	SERPIND1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPIND1 antibody is un-conjugated
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP), Radial Immunodiffusion (RID)

Product Details

Immunogen:	Heparin cofactor II is a glycoprotein synthesized in the liver and has a molecular weight of 65,000. It is a plasma serine inhibitor of thrombin. Antithrombin III is more slowly inhibited. A hereditary form of inactive heparin cofactor II has been described. Reduced plasma values have been observed in disseminated intravascular coagulopathy and in liver disease. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The antiserum does not cross react with any other component of human plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Precipitating polyclonal rabbit antiserum to human heparin cofactor II
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other plasma proteins. The use of insolubilized adsorption antigens

Product Details

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

Target Details

Target:	SERPIND1
Alternative Name:	Heparin Cofactor II (SERPIND1 Products)
Background:	The reactivity of the antiserum is restricted to heparin cofactor II. In bidimensional electrophoresis against fresh normal human plasma a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified immunogen. No reaction is obtained with any other plasma protein component or serum

Application Details

Application Notes:	In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion to identify the presence of heparin cofactor II in human plasma or other body fluids or to determine its concentration. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in non-precipitating antibody-binding techniques if proper controls are included.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal rabbit serum. No foreign proteins added. Antibody titre: Measured by quantitative precipitin analysis. The amount of heparin cofactor II precipitated by 1 ml an
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Preservative:	Without preservative
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 -20°C. Reconstitute the lyophilized antiserum by add ing 1 ml sterile distilled water. 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.