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Datasheet for ABIN458043 anti-Prekallikrein antibody



Overview	
Quantity:	1 mL
Target:	Prekallikrein (PK)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Immunodiffusion (ID), Immunoelectrophoresis (IEP)
Product Details	
Immunogen:	Prekallikrein is a single-chain. Glycoprotein (MW 88,000) present in inactive form in plasma,
	pancreas and intestine. Prekallikrein is activated to kallikrein by Factor XIIa which in turn results
	from activation of Factor XII by prekallikrein combined with Factor XII and high-molecular-
	weight kininogen (HMWK). It releases kinins from the low-molecular-weight and the high-
	molecular-weight kininogen. Highly purified molecular weight kininogen isolated from pooled
	plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
lsotype:	lgG
Specificity:	The antiserum does not cross-react with any other human plasma proteins as tested in gel-
	diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma
	proteins, since homologous proteins of different species frequently share antigenic
	determinants. of this antiserum has not been tested in detail, however in double radial
	immunodiffusion a reaction with monkey has been observed.
Characteristics:	Precipitating polyclonal goat antiserum to human prekallikrein
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate

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Product Details

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

Target Details

Target:	Prekallikrein (PK)
Alternative Name:	Prekallikrein (PK Products)
Background:	The defined antibody specificity is to prekallikrein. Plasma kallikrein is present in two slightly
	different forms. This corresponds with two different forms of kallikrein after prekallikrein has
	been activated by Factor XIIa. Inactive plasma prekallikrein and active kallikrein may react with
	the antiserum. Although prekallikrein exhibits structural homology to Factor XI, the antiserum
	does not react with Factor XI
Application Details	
Application Notes:	As precipitating antiserum in electroimmunodiffusion, immunoelectrophoresis and radial
	immunodiffusion. This does not exclude the use of the antiserum in more sensitive techniques
	if proper controls are included.
Restrictions:	For Research Use only
Handling	
	Lyophilized
Handling	
Handling Format:	Lyophilized
Handling Format:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled norma
Handling Format:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:32 when
Handling Format: Concentration:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:32 when tested against normal human plasma in agar block immunodiffusion
Handling Format: Concentration: Buffer:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:32 when tested against normal human plasma in agar block immunodiffusion Delipidated, heat inactivated, lyophilized, stable whole serum.
Handling Format: Concentration: Buffer: Preservative: Storage:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:32 when tested against normal human plasma in agar block immunodiffusion Delipidated, heat inactivated, lyophilized, stable whole serum. Without preservative
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Handling Format: Concentration: Buffer: Preservative: Storage:	Lyophilized Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre not less than 1:32 when tested against normal human plasma in agar block immunodiffusion Delipidated, heat inactivated, lyophilized, stable whole serum. Without preservative 4 °C/-20 °C The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C,

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same day.