

Datasheet for ABIN458187

Pig anti-Human IgE (Fc Region) Antibody



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgE
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Pig
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

Product Details

Immunogen:	Highly purified monoclonal IgE isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Precipitating polyclonal Swine antiSerum to Human IgE, Fc specific.
Cross-Reactivity (Details):	The antiSerum does not cross-react with any other component of the Human immunoglobulin system. Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.
Characteristics:	The reactivity of the antiserum is restricted to the Fc part of the IgE molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal human serum containing monoclonal IgE a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgE. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of

Product Details

IgE in human serum or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of human IgE from serum or plasma. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such use labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

Purification: Delipidated, heat inactivated, stable whole serum

Sterility: Heat-inactivated

Target Details

Target: IgE

Abstract: [IgE Products](#)

Application Details

Application Notes: In immunoelectrophoresis use 2 µL serum or equivalent against 120 µL antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µL antiserum in 3 mm diameter center well and 2 µL serum samples (neat and serially diluted in 2 mm diameter peripheral wells).

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water. Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added. Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.

Buffer: Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal swine serum. No foreign proteins added.

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

Handling

Storage Comment: The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. 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.