



## Normal Porcine Serum Control

Catalog Number 31890

Product Data Sheet

Details		Species Reactivity	
Size	120 mg	Tested species reactivity	Not Applicable
Host / Isotype	Porcine / Ig Mix	Tested Applications	Dilution *
Class	Control	Blocking Assay (BLOCK)	Assay Dependent
Type	Control	Control (Ctrl)	Assay-Dependent
Conjugate	Unconjugated	Immunocytochemistry (ICC)	Assay Dependent
Target Class	Normal Serum	Immunofluorescence (IF)	Assay Dependent
Form	Lyophilized	Immunohistochemistry (IHC)	Assay Dependent
Storage Buffer	whole serum diluted in PBS, pH 7.6	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Contains	0.05% sodium azide		
Storage Conditions	4° C		

### Product Specific Information

For blocking purposes, use 5% (v/v) solution (1:20 dilution from rehydrated volume). Rehydration according to instruction yields 100% serum.

Restoration and Storage: Store product at 4°C until opened. Restore with 2.0 ml distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. Product may be stored for several weeks at 4°C as an undiluted liquid. After dilution, do not use for more than one day. To extend the shelf-life of this product, freeze rehydrated undiluted product in small aliquots at 20°C.

Country of Origin: USA

### Background/Target Information

Normal Sera are non-immune serum samples from goat, human, mouse, rabbit and other species that contain the usual complement of serum proteins, including the various classes of immunoglobulins that exist in healthy animals of the particular species. Normal serum provides a sufficient quantity of endogenous proteins to saturate and block nonspecific binding sites on fixed samples or assay substrates. When used as an antibody diluent, non-immune serum also supplies a native chemical environment for antibodies to function properly without adding foreign protein components. Normal serum is frequently used for blocking or saturating generalized binding interactions for immunodetection methods, especially those involving tissue samples such as immunohistochemistry (IHC). Normal sera are also useful as controls for testing general and specific antibody purification methods.

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