

Product datasheet for **AP21448SU-N**

Equine IgG (Fc specific) Goat Polyclonal Antibody

Product data:

Product Type:	Secondary Antibodies
Product Name:	Equine IgG (Fc specific) Goat Polyclonal Antibody
Applications:	ID, IP
Recommended Dilution:	Can be used in precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG in horse serum or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of horse IgG from serum or plasma. <u>Directions for use:</u> Immunoelectrophoresis: 2 µl serum or equivalent against 120 µl antiserum. Double radial immunodiffusion (Ouchterlony): 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). <u>Antibody titre:</u> Precipitin titre 1:32 when tested against pooled normal horse serum in agar-block immunodiffusion titration.
Reactivity:	Equine
Host:	Goat
Immunogen:	Highly purified normal IgG isolated from pooled horse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Formulation:	State: Serum State: Lyophilized, Delipidated, Heat inactivated, Stable Whole Serum without preservatives
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	Total protein and IgG concentration in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
Conjugation:	Unconjugated
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.



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Note: Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.