

## Product datasheet for SP2021

### Chicken IgG / Chicken IgY (Fc specific) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Chicken IgG / Chicken IgY (Fc specific) Goat Polyclonal Antibody
<b>Applications:</b>	ID, IP
<b>Recommended Dilution:</b>	<p>In precipitating techniques as Immunoelectrophoresis and Radial Immunodiffusion to identify the presence of IgG in chicken serum or other body fluids or to determine its concentration.</p> <p>To prepare an immunoabsorbent for the purification of chicken IgG from serum or plasma.</p> <p><u>Recommended Dilutions:</u></p> <p>Immunoelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum.</p> <p>Double Radial Immunodiffusion: Use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.</p> <p><u>Antibody Titre:</u> Precipitin titre not less than 1/32 when tested against normal Chicken serum in agar block Immunodiffusion titration.</p>
<b>Reactivity:</b>	Chicken
<b>Host:</b>	Goat
<b>Immunogen:</b>	<p>Highly purified normal IgG isolated from pooled Chicken serum.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p>
<b>Formulation:</b>	<p>State: Serum</p> <p>State: Lyophilized, Delipidated, Heat inactivated, Stable Whole Antiserum without preservatives</p>
<b>Reconstitution Method:</b>	Restore by adding 1 ml of sterile distilled water.
<b>Concentration:</b>	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	<p>Store lyophilized at 2-8°C and reconstituted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid Repeated thawing and freezing.</p>



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