

Product no **AS16 3124****Goat anti-Dog IgG (H&L), Unconjugated****Product information**

<b>Immunogen</b>	purified dog normal IgG isolated from pooled dog serum
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Protein G purified goat IgG in PBS pH 7.2.
<b>Format</b>	Lyophilized
<b>Quantity</b>	1 ml
<b>Reconstitution</b>	For reconstitution add 1 ml of sterile distilled water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. Reconstituted material can be stored in 4°C up to 7 days.

**Application information**

<b>Recommended dilution</b>	Immunoprecipitation, In immunoelectrophoresis use 2 ml or equivalent against 120 ml antiserum, In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ml antiserum in a 3 mm diameter centre well and 2 ml serum samples (neat and diluted) in 2 mm diameter peripheral wells, Precipitating titre not less than 1:256 when tested against normal dog serum in agar block titration
<b>Confirmed reactivity</b>	Dog IgG (heavy & light chains)
<b>Not reactive in</b>	This antibody does not react with any non-Ig protein in dog serum, as tested by immunoelectrophoresis and double radial immunodiffusion
<b>Additional information</b>	<p>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.</p> <p>No preservative added.</p> <p>The reactivity of the antiserum is directed to the Fc and Fab subunits of the IgG molecule. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion.</p>