

## Product Datasheet

### Goat anti-Human IgG (H&L), HRP conjugated, min. cross-reactivity bovine/mouse/rabbit serum GRP12649

<b>Species/Host</b>	Goat
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Human IgG (H&L)
<b>Tested Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Purified human IgG
<b>Form/Appearance</b>	Lyophilized
<b>Storage</b>	Store lyophilized material at 2-8°C. For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Affinity purified goat IgG
<b>Dilution Range</b>	The optimal working dilution should be determined by the investigator.
<b>Application Notes</b>	Additional Information: This antibody reacts with the heavy chains on human IgG and with the light chains on all human immunoglobulins based on immunoelectrophoresis. No reactivity is observed to non-immunoglobulin human serum proteins or bovine, mouse or rabbit serum proteins based on immunoelectrophoresis. HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free 0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase Background: Goat anti-human IgG (H&L) is a secondary antibody conjugated to HRP which binds to human IgG (H&L) in immunological assays. Reconstitution: For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily.