

Product no **AS10 804****Goat anti-Human IgG Fc, HRP conjugated, min, cross-reactivity to human IgA+IgM****Product information**

|                               |   |
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| <b>Immunogen</b>              | Purified human IgG  |
| <b>Host</b>                   | Goat  |
| <b>Clonality</b>              | Polyclonal  |
| <b>Purity</b>                 | Immunogen affinity purified goat IgG.   |
| <b>Format</b>                 | Lyophilized   |
| <b>Quantity</b>               | 1 mg  |
| <b>Reconstitution</b>         | For reconstitution add 1,1 ml of sterile water, Let it stand 30 minutes at room temperature to dissolve, Prepare fresh working dilutions daily  |
| <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>Additional information</b> | HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free<br><br>0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase  |

**Application information**

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| <b>Recommended dilution</b>   | The optimal working dilution should be determined by the investigator  |
| <b>Confirmed reactivity</b>   | Human IgG Fc (two heavy chains with constant domains)  |
| <b>Predicted reactivity</b>   | Human IgG Fc (two Heavy chains with constant domains)  |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known  |
| <b>Additional information</b> | This antibody reacts with the heavy chains on human IgG based on immunoelectrophoresis.<br><br>No reactivity is observed to the light chains on human immunoglobulins or human IgA and IgM based on immunoelectrophoresis. |