

Product no **AS10 754****Goat anti-Human IgE heavy (epsilon chain), HRP conjugated****Product information****Immunogen** | Purified human IgE**Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified goat IgG.**Format** | Lyophilized**Quantity** | 1 mg**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**Storage** | 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.**Additional information** | 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

The amount of cross-reactivity to human IgG/M/A has been tested, and it is very low. During manufacturing of this product, cross-reactivity to other IgG is removed. Please see the percentage of measured cross-reactivity to other human immunoglobulins below: Human IgG: 0.12 % Human IgA: 0.09 % Human IgM: 0.17 %

**Application information****Recommended dilution** | The optimal working dilution should be determined by the investigator**Confirmed reactivity** | Human IgE heavy (epsilon chain)**Predicted reactivity** | Human IgE Heavy (epsilon chain)**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Additional information** | No reactivity is observed to the light chains or non-immunoglobulin human serum proteins