

## Product Datasheet

### Goat anti-Human IgE heavy (epsilon chain), HRP conjugated GRP12635

Species/Host	Goat
Reactivity	Human
Predicted Reactivity	Human IgE Heavy (epsilon chain)
Tested Applications	ELISA, WB, IHC
Immunogen	purified human IgE
Form/Appearance	Lyophilized
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.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified goat IgG
Dilution Range	The optimal working dilution should be determined by the investigator.
Application Notes	<p>Additional Information: No reactivity is observed to the light chains or non-immunoglobulin human serum proteins. 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 % Background: Goat anti-human IgE heavy (epsilon chain) is a secondary antibody conjugated to HRP which binds to human IgE heavy (epsilon chain) 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.</p>