ProductInformation

Anti-Human Kappa Light Chain
(Bound & Free)
Developed in Goat
Fractionated Antiserum

Product No**. K3501**
Lot No. 017H8864

Anti-Human Kappa Light Chain is developed in goat using purified human kappa light chain as the immunogen. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum. To ensure specificity the fractionated antiserum is adsorbed using solid phase techniques, if necessary. Goat Anti-Kappa Light Chain is lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Specificity
Goat Anti-Kappa Light Chain antiserum is determined to be immunospecific for human kappa light chain by immunoelectrophoresis (IEP) and Ouchterlony Double Diffusion (ODD) versus normal human serum, myeloma human serum (bound light chains) and Bence Jones proteins (free light chains).

Identity and Purity
Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the antiserum followed by diffusion results in a single arc at precipitation versus anti-goat IgG and multiple arcs at precipitation versus anti-goat whole serum.

Protein Concentration: 22.3 mg/ml by Biuret.

Reconstitution and Storage Instructions
To one vial of lyophilized powder add 2 ml of deionized water. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 2-8EC. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Pcs9/99