ProductInformation

Product No. F-2506
Lot 115H8828

Anti-Human Fibrinogen
Developed in Goat
Fractionated Antiserum

Anti-Human Fibrinogen is developed in goat using purified human fibrinogen 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-Human Fibrinogen is lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Specificity

The antiserum is determined to be immunospecific for fibrinogen by immunoelectrophoresis versus normal human plasma and human fibrinogen.

Identity and Purity

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

Protein Concentration: 29.7 mg/ml by Biuret.

Titer: 1:8

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5 µl of serially diluted reconstituted antiserum is reacted against 5 µl of 1 mg/ml solution of purified human fibrinogen (well separation: 7.5mm center to center). Titer is equivalent to the highest dilution of antiserum resulting in a visible precipitate after 24 hours.

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 2-8°C. 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.

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