

**Product No. F-1509**  
**Lot 017H8960**

**Anti-Human Fibronectin**  
Developed in Goat  
Fractionated Antiserum

Anti-Human Fibronectin is developed in using purified human fibronectin as the immunogen. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum. Goat Anti-Human Fibronectin is lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

**Specificity**

The antiserum has been determined to be immunospecific for fibronectin by immunoelectrophoresis versus human plasma and fibronectin.

**Identity and Purity**

Identity and purity of the specific 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.

**Titer:** 1:32

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5  $\mu$ l of serially diluted antiserum is reacted against 5  $\mu$ g of purified human fibronectin (well separation: 7.5 mm center to center). Titer is equivalent to the highest dilution of antiserum resulting in a visible precipitate by 24 hours.

**Protein Concentration** = 46.9 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 2-8°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.