

IgG, Human Plasma

Catalog No. CSI20190A Quantity: 50 mg

CSI20190B 1 g

Description: Purified from normal serum by immobilized Protein A. IgG is the most abundant

immunoglobulin in plasma, found at a concentration of 8 to 18 mg/ml. This

immunoglobulin plays a very important role in the defense against infection for newborns because of its transfer through the placenta during pregnancy. It readily diffuses into the extravascular body spaces where it plays a major role in neutralizing bacterial toxins and in enhancing the phagocytosis of microorganisms. IgG binds to bacteria and these

complexes adhere to phagocytic cells which have surface receptors specific for IgG. Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests. >95 percent pure by SDS-PAGE.

Concentration: 10 mg/ml

Source: Human plasma

Molecular Weight: 160,000

Formulation: Liquid in 0.02M Sodium Phosphate + 0.15M NaCl, pH 7.2

Purity: IgG fraction

Application Notes: The optimal concentration should be determined by the user for each specific application.

Storage & Stability: When stored at -80°C, product is stable for 3 years from date of delivery.

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