

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, lot specific

Source: Human plasma

Molecular Weight: 160,000

Formulation: Frozen liquid in 0.02M Sodium Phosphate, 0.15M NaCl, pH 7.4

Purity: > 95% by SDS-PAGE

Applications: ELISA, Western Blot

Application Notes: This antibody has been selected as an isotype control as it has no known specificity.

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

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.