

Native Human IgG

Catalog No.	CSI11983A CSI11983B	Quantity:	1.0 gram 5.0 gram
Description:	Human Immunoglobulin G (IgG) is a monomeric immunoglobulin, built of two heavy chains and two light chains. Each molecule has two antigen binding sites. Human Immunoglobulin G (IgG) is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids.		
Specifications:	Protein: ≥ 4.5 g/dL (5% solution - Biuret) Sodium: < 200 mmol/L (5% solution) Potassium: < 2 mmol/L (5% solution) Chloride: < 200 mmol/L (5% solution) Calcium: < 2 mg/dL (5% solution) pH: 6.0 - 8.0 Moisture: $\leq 5\%$ (Thermogravimetric) Microbial: < 100 CFU/mL (5% solution)		
Source:	Human Plasma		
Purity:	$\geq 95\%$ by SDS-PAGE		
Isotype:	IgG		
Formulation:	Lyophilized		
Purification:	Affinity Purified		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in phosphate buffered saline at 10 mg/ml.		
Storage & Stability:	Store lyophilized product at 2-8°C for at least 1 year. Store reconstituted stock solution at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		
Infectious Disease Statement:	Negative or non-reactive at the donor level for anti HIV 1 and 2, anti HCV, HBsAg, HCV NAT, HIV-1 NAT, and syphilis by FDA approved methods.		

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