

Product Datasheet



Product Description

Product:	IgG, Human Plasma
Catalog Number:	IR-HU-GF
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. >95percent pure by SDS-PAGE.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	5 years from delivery

Technical Information

Purity:	IgG fraction
Source:	Human plasma
Molecular Weight:	160,000
Extinction Coefficient:	1.36
Target:	This antibody has been selected as an isotype control as it has no known specificity.
Host:	Human
Clonality:	Polyclonal
Isotype:	IgG
Applications:	ELISA, WB

Sample Characteristics

Lot Number:	IR-HU-GF-SAMPLE
Aliquot:	1 x 50 mg
Concentration:	10 mg/ml
Volume:	5 ml
Buffer:	0.02M Sodium Phosphate; 0.15M NaCl; pH 7.2
Form:	Frozen liquid

For In Vitro laboratory use only

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