

Native Human Immunoglobulin G

Cat. No. IgG-01H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Plasma
Description	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.
Form	Lyophilized in 20 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN ₃
Molecular Mass	150kDa
Purity	≥95% by SDS-PAGE
Notes	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.
Storage	-20°C

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