

Native Human IgG4

Cat. No. IGHG4 -23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Myeloma Plasma
Description	IgG4 antibodies will dominate the IgG response in schistosomiasis, lymphatic filariasis, and in patients after allergen immunotherapy. Unlike the other IgG subclasses, IgG4 does not activate complement. A combined IgA-IgG4 deficiency has been associated with recurrent pyogenic infections. Prepared from myeloma plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Form	Frozen liquid
Molecular Mass	146,000
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

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Storage	-70°C
Concentration	1.0 mg/ml
Storage Buffer	0.02M Sodium Phosphate; 0.15M NaCl; 0.05% Azide; pH 7.4
Preservative	SodiumAzide
Shipping	Dry ice

GENE INFORMATION

Gene Name	IGHG4 Immunoglobulin heavy constant gamma 4(G4m marker) [Homo sapiens]
Official Symbol	IGHG4
Synonyms	IGHG4; Immunoglobulin heavy constant gamma 4(G4m marker);
Gene ID	28218

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