

## Native Human IgG4

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Myeloma Plasma
<b>Description</b>	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.
<b>Form</b>	Frozen liquid
<b>Molecular Mass</b>	146,000
<b>Purity</b>	>95% by SDS-PAGE analysis
<b>Usage</b>	For in vitro laboratory use only
<b>Notes</b>	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.
<b>Storage</b>	-70°C

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<b>Concentration</b>	1.0 mg/ml
<b>Storage Buffer</b>	0.02M Sodium Phosphate; 0.15M NaCl; 0.05% Azide; pH 7.4
<b>Preservative</b>	SodiumAzide
<b>Shipping</b>	Dry ice

## GENE INFORMATION

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

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