

Native Human IgE

Cat. No. IGHE -22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Myeloma Plasma
Description	IgE is the least abundant immunoglobulin in plasma, found at a concentration of less than 0.6 micrograms/ml of normal plasma. Elevated IgE levels are found in patients experiencing severe allergic reactions and parasitic infections. In a myeloma condition, IgE is produced by a single clone of plasma cells. The structure of myeloma IgE, however, is normal, and the immunoglobulin purified from a myeloma source is a useful protein for studying immunoglobulin behavior. The affinity purified IgE reacted only with anti IgE and not with anti IgG, IgA, IgM or IgD by immunodiffusion and IEP techniques. 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	200,000
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only

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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.
Storage	-70°C
Concentration	1.0 mg/ml
Storage Buffer	0.015M Na Phosphate; 0.15M NaCl; 0.05% Azide; pH 7.4
Preservative	SodiumAzide
Shipping	Dry ice

GENE INFORMATION

Gene Name	IGHE Immunoglobulin heavy constant epsilon [Homo sapiens]
Official Symbol	IGHE
Synonyms	IGHE; Immunoglobulin heavy constant epsilon;
Gene ID	28223

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