

## Native Human IgE

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Myeloma Plasma
<b>Description</b>	<p>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 &amp; 2 by FDA approved tests.</p>
<b>Form</b>	Frozen liquid
<b>Molecular Mass</b>	200,000
<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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

<b>Storage</b>	-70°C
<b>Concentration</b>	1.0 mg/ml
<b>Storage Buffer</b>	0.015M Na 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>	IGHE Immunoglobulin heavy constant epsilon [ Homo sapiens ]
<b>Official Symbol</b>	IGHE
<b>Synonyms</b>	IGHE; Immunoglobulin heavy constant epsilon;
<b>Gene ID</b>	28223

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