

Native Human Immunoglobulin E (IgE)

Cat. No. IGHE-214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human 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.
Form	Frozen
Molecular Mass	MW: 190,000
Purity	>=95% by SDS-PAGE.
Usage	For research use only.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Stability	>1 year

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	-20°C
----------------	-------

Storage Buffer	15 mM potassium phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN ₃ .
-----------------------	--

GENE INFORMATION

Gene Name	IGHE Immunoglobulin heavy constant epsilon [Homo sapiens]
------------------	---

Official Symbol	IGHE
------------------------	------

Synonyms	IGHE; Immunoglobulin heavy constant epsilon;
-----------------	--

Gene ID	3497
----------------	------

Chromosome Location	14q32.33
----------------------------	----------

Pathway	FCERI mediated Ca ²⁺ mobilization, organism-specific biosystem; FCERI mediated NF-κB activation, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem
----------------	---

Function	antigen binding; contributes_to immunoglobulin receptor binding
-----------------	---

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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