

Native Human Immunoglobulin E (IgE)

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

SPECIFICATION

Species	Human
Source	Human Plasma
Description	<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.</p>
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
Storage	-20°C

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Storage Buffer 15 mM potassium phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN₃.

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 Ca²⁺ 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

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