

IGHE

Native Human Myeloma IgE

Catalog No.	CNH024	Quantity:	1.0 mg
Alternate Names:	Immunoglobulin E		
Description:	<p>This product is Human IgE, produced in cell culture from a IgE secreting human myeloma cell line. This IgE product has advantages of less lot-to-lot variation, more uniform product (monoclonal vs. polyclonal) than IgE from human plasma. It is partially purified, with any remaining contaminants from the FBS used in cell culture.</p> <p>IgE is the least abundant immunoglobulin in plasma, found at only 0.05% of the Ig concentration, compared to 75% for the IgGs at 10 mg/ml. 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 human myeloma cell line 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.</p>		
UniProt ID:	P01854		
Source:	Human IgE myeloma cell line		
Molecular Weight:	200 kDa		
Formulation:	100 mM Tris-HCl, 200 mM NaCl, pH 7.5		
Purity:	<p>> 5.0 mg/ml, by Cobas IgE ≥ 2.1 x 10⁶ IU/ml, by Cenaur IgE</p> <p>Partially purified from cell culture supernatant with residual impurity from fetal bovine serum.</p>		
Storage & Stability:	Store at -20°C to -80°C. Upon initial thawing, prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

