

Native Human Myeloma Plasma IgE, Lambda

Catalog No.	CNH005A CNH005B	Quantity:	100 µg 1.0 mg
Alternate Names:	Immunoglobulin E		
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, either with kappa or lambda light chains. 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 IEP and immunodiffusion.		
Source:	Human myeloma plasma		
Molecular Weight:	190,000		
Formulation:	15 mM Potassium Phosphate, 150 mM NaCl, 0.05% sodium azide, pH 7.4		
Purity:	>95% by SDS-PAGE analysis Single arc by IEP against antisera to whole human serum, human IgE and human kappa light chain.		
Concentration:	~1.0 mg/ml, lot specific		
Biological Activity:	>100,000 U/ml, lot specific, using Monobind ELISA		
Application Note:	Centrifuge vial briefly before opening to ensure complete recovery.		
Storage & Stability:	Store at -80°C for at least 1 year from date of receipt. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
Country of Origin:	USA		
Certification:	Prepared from plasma shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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

