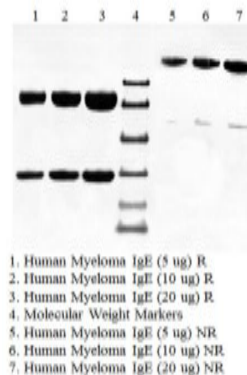


Native Human Myeloma IgE

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. 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.		
UniProt ID:	P01854		
Gene ID:	3497		
Extinction Coefficient:	$E^{0.1\%}_{280\text{ nm}} = 1.36$		
Source:	Human myeloma plasma		
Molecular Weight:	200 kDa		
Formulation:	0.05 Sodium Phosphate, 0.05% Sodium Azide, pH 7.5. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purity:	>95% by SDS-PAGE analysis		
Concentration:	1.0 mg/ml		
Storage & Stability:	Store at -80°C. Product is stable for 3 year from delivery. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.		
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.		

SDS-PAGE of Native Human Myeloma IgE under reducing (R) and non-reducing (NR) conditions.



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

