



Product Data Sheet

**Human IgE (myeloma, lambda), purified**

**Cat #** 20007-3L-100      **Size:**  100 ug      **Form:**  Liquid       Lyophilized  
 **Cat #** 20007-3L-1000      **Size:**  1000 ug      **Form:**  Liquid       Lyophilized

**Description**

Human myeloma serum was used for the purification of IgE. IgE was prepared by ammonium sulfate, and column chromatography (Sephadex, and DEAE-ion exchange columns) and affinity chromatography. The resulting preparation was judged to be >99% pure by IEP and SDS-Page. The isotype of the IgE is lambda.

*This product is for in vitro research use only.*

**Form and Storage**

Human IgE-L is provided as liquid (1 mg/ml or 100ug/100 ul in PBS pH 7.4 + sodium azide as preservative) or in lyophilized form. The product should be **stored at 4°C** for short term and -20°C for long term storage. It is stable for a minimum of 1 year. Do not store diluted solutions. Sodium azide, an inhibitor of peroxidase, must be avoided if used with antibody-HRP conjugates. Due to low volume, it is recommended to briefly centrifuge the tubes, before opening the cap, to recover to solution at the bottom of the tube.

**Related items available from ADI**

Catalog#	ProdDescription
20007-3	Human IgE (myeloma, Kappa), purified
20007-3-1000	Human IgE (myeloma, Kappa), purified
20007-3L-100	Human IgE (myeloma, lambda), purified
20007-3L-1000	Human IgE (myeloma, lambda), purified
20007-3P	Human IgE (Native, Plasma), purified
20007-4	Human IgM Fab mu fragment (myeloma), purified
20007-4-B	Human IgM Fab mu fragment (myeloma)-Biotin
20007-4-F	Human IgM Fab mu fragment (myeloma)-FITC
20007-4-HP	Human IgM Fab mu fragment (myeloma)-HRP
20007-4-R	Human IgM Fab mu fragment (myeloma)-Rhodamine
20007-4-T	Human IgM Fab mu fragment (myeloma)-Texas Red
20007-5-1	Human (non-immune) IgA purified (native, Plasma)
20007-5-5	Human (non-immune) IgA purified (native, Plasma)
20007-6-100	Human IgA1 (myeloma) purified
20007-6-500	Human IgA1 (myeloma) purified
20007-7-100	Human IgA2 (myeloma) purified
20007-7-500	Human IgA2 (myeloma) purified
20007-8-50	Immunoglobulin D, Human Myeloma Plasma
20007-8P-25	Immunoglobulin D, Human Plasma
20007-F100	Human Serum IgG-Fc fragment purified
20007-F1000	Human Serum IgG-Fc fragment purified
20007-G1-1	Immunoglobulin G1 (IgG1), Human Myeloma Plasma
20007-G1-B	Human Immunoglobulin G1 (IgG1)-Biotin Conjugate (-ve)
20007-G1-F	Human Immunoglobulin G1 (IgG1)-FITC Conjugate (-ve)
20007-G1-H	Human Immunoglobulin G1 (IgG1)-HRP Conjugate (-ve)
20007-G1-PE	Human Immunoglobulin G1 (IgG1k)-R-PE Conjugate (-ve)
20007-G2-1	Immunoglobulin G2 (IgG2), Human Myeloma Plasma
20007-G2-B	Human Immunoglobulin G2 (IgG2)-Biotin Conjugate (-ve)
20007-G2-F	Human Immunoglobulin G2 (IgG2)-FITC Conjugate (-ve)
20007-G2-H	Human Immunoglobulin G2 (IgG2)-HRP Conjugate (-ve)
20007-G3-1	Immunoglobulin G3 (IgG3), Human Myeloma Plasma
20007-G3-1P	Immunoglobulin G3 (IgG3), Human Plasma
20007-G3-B	Human Immunoglobulin G3 (IgG3)-Biotin Conjugate (-ve)
20007-G3-F	Human Immunoglobulin G3 (IgG3)-FITC Conjugate (-ve)
20007-G3-H	Human Immunoglobulin G3 (IgG3)-HRP Conjugate (-ve)
20007-G4-500	Immunoglobulin G4 (IgG4), Human Myeloma Plasma
20007-G4-B	Human Immunoglobulin G4 (IgG4)-Biotin Conjugate (-ve)
20007-G4-F	Human Immunoglobulin G4 (IgG4)-FITC Conjugate (-ve)
20007-G4-H	Human Immunoglobulin G4 (IgG4)-HRP Conjugate (-ve)

The **lyophilized products** should be dissolved in PBS, pH 7.4 to prepare desired concentration by gentle rocking or vortexing at room temperature. Centrifuge the IgG solution briefly (10,000 g, 15 min) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

**Suggested Uses**

This preparation of normal human IgE is suitable for coating the ELISA plates or as a control for other immunological assay, dot blot, Western etc. Recommended coating concn. is approx. 10 ug/ml for ELISA. It is, however, possible that this preparation may be unsuitable for some antigens or cell/tissue extracts and may give slightly higher background. Switching to another preparation from different mouse or vendor may alleviate this problem.

**Country of origin:** USA.

**MSDS:** A Material Safety Data Sheet is not required for this product. The product does not contain any hazardous components above 1% or any carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard. The product contains natural purified proteins in a buffer containing 0.1% or less sodium azide. MSDS can be consulted for these items. This material is sold for research purposes only and is not required to appear on the TSCA inventory.

Human IgA, IgE, IgE, IgM ELISA Kit

Purified human IgA, G, M, E and antibody conjugates

ELISA kits to detect human serum antibodies

20007-3L-1000      250227      140227A