

Causes of elevated immunoglobulin E (IgE)

Common*

Allergic disease (eg, atopic dermatitis/eczema, asthma, allergic rhinitis, food allergy, eosinophilic esophagitis, urticaria, drug allergy)

Parasitic worm infestation (eg, helminth infection)

Uncommon

Malignancy (eg, IgE myeloma, Hodgkin's lymphoma)

Primary and secondary immunodeficiencies (eg, Hyper-IgE syndrome, Wiskott-Aldrich syndrome, Nezelof syndrome, AIDS, GVHD)

Infectious diseases (eg, allergic bronchopulmonary aspergillosis, leprosy)

Inflammatory diseases (eg, Churg-Strauss syndrome, Kawasaki disease)

Drug effect (eg, aztronam, penicillin G)





^{*} Allergic disease is the most common etiology of elevated IgE in industrialized countries, whereas parasitic infection is the most common cause in developing countries.