

Table 1: Summary table of diseases with IgE Levels >5000 IU/ml.

Other Features	Phenotype	IgE Level	Disease
Asian men in the third decade Peripheral eosinophilia	Regional lymphadenopathy, adenitis	can be > than 5,000 IU/ml	Kimura Disease
Severe peripheral eosinophilia	Extravascular granulomatosis, eosinophilic vasculitis (small and medium vessels)	Up to 5,000 IU/ml	Churg-Strauss syndrome
Reactivity to broad range of food and inhalant allergens	Eczematous skin	Can be > than 10,000 IU/ml	Atopic Dermatitis
Eczema, mucocutaneous candidiasis, retention of primary teeth, coarse facial features, osteopenia, hyperextensible joints	Recurrent abscesses, pneumonias or bronchiectasis	2,000-50,000 IU/ml	Hyper IgE syndrome
X-linked, defect in WASp, elevated IgA and low IgM levels with impaired specific antibody responses	Microcytic thrombocytopenia, eczema, recurrent infections	Up to 5,000 IU/ml	Wiskott-Aldrich Syndrome
Eosinophilia, depressed IgG levels	Bamboo hair, ichthyosis, atopy, immunodeficiency, recurrent infections	100- >than 10,000 IU/ml	Netherton Syndrome
RAG1, RAG2 or ARTEMIS gene mutation. Eosinophilia and hypogammaglobulinemia	Exudative erythroderma with desquamation, lymphadenopathy and hepatosplenomegaly. Severe respiratory tract infections with intractable diarrhea and FTT.	Up to 45,000 IU/ml	Omenn Syndrome
Cutaneous anergy to skin prick tests and absent lymphocyte response to mitogens	Atopic dermatitis, recurrent infections, pondostatural retardation, oral or cutaneous candidiasis, diarrhea	5-7000 IU/ml	Nezeloff Syndrome