

Table S1. Diagnostic investigations performed in the selected studies

Authors	Basic investigations	Allergic investigations	Physical investigations	Infectious investigations	Autoimmune/vasculitis investigations
Kauppinen et al. (10)	History Blood values Urine and search for parasites in stool Angioedema: C3, C4, C1-INH Medical history and physical examination	SPT/serum IgE to inhalants Prick-by-prick vegetables and fruits Oral challenge to ASA, sodium benzoate, tartrazine Total and specific serum IgE SPT Elimination diet followed by double-blind challenge test to foods and additives	Dermographism test, cold, warm, pressure and sweating test Dermographism test, ice cube, warm water and exercise challenge test Cryoglobulin Cold agglutinin	Throat swab culture Search of ova and parasites in stool X-ray of sinuses, chest Urine microscopic examination HBsAg, Transaminases C-reactive protein (CRP) Anti-streptolysin O antibodies	T3, T4, TSH ANA RA Skin biopsy
Volonakis et al. (11)	Erythrocyte sedimentation rate Haemoglobin white cell count Urinary glucose, proteinuria C3, C4, C50, C1-INH Protein electrophoresis	SPT to foods and inhalants Total serum IgE	Dermographism test, ice cube test	Nasal, throat and vulvar swabs for Streptococcus β -hemolyticus and <i>Staphylococcus aureus</i> Search of ova and parasites in stool urine analysis and culture X-ray of sinuses, chest Antibodies for EBV, CMV, HSV, HBV, HCV, TORCH; antigens to HBV, HCV Erythrocyte sedimentation rate Anti-streptolysin antibodies Urea breath test for <i>H. pylori</i> ,	T4, TSH ANA, anti-DNA antibodies Anti smooth muscle, anti-parietal cell, anti-thyroid peroxidase and anti-thyroglobulin antibodies ASST HR test
Brunetti et al. (12)	Medical history and physical examination Blood count Blood chemistry Liver function tests C3, C4	SPT to foods/aero-allergens Total serum IgE	Ice cube test	Throat swab culture Urine analysis and culture 3 stool examinations for parasites White cell count Erythrocyte sedimentation rate, CRP Anti-streptolysin O antibodies Transaminases Serological assays for EBV, CMV, HSV, <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , <i>H. pylori</i> , HAV, HBV, HCV	ANA, anti-DNA antibodies Anti-microsomal and anti-thyroglobulin antibodies
Sackesen et al. (13)	Medical history Complement levels (C3, C4 ...) IgA, IgM, IgG	SPT to foods/aero-allergens Total serum IgE	Ice cube test	Throat swab culture Urine analysis and culture 3 stool examinations for parasites White cell count Erythrocyte sedimentation rate, CRP Anti-streptolysin O antibodies Transaminases Serological assays for EBV, CMV, HSV, <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , <i>H. pylori</i> , HAV, HBV, HCV	ANA, anti-DNA antibodies Anti-microsomal and anti-thyroglobulin antibodies
Du Toit et al. (14)	Medical history and physical examination Complete blood cell count Erythrocyte sedimentation rate	Total serum IgE Serum specific IgE to foods (CAP-RAST Fx5-6 if positive, specific IgE to hen egg whites, codfish, soy, wheat, cow's milk and peanuts Elimination diet SPT to foods Oral food challenge	Dermographism test, ice cube test	Serum eosinophil count Serum IgE to <i>A. lumbricoides</i> Parasites in stool	ASST Functional anti-Fc ϵ receptor assays
Jirapongsananuruk et al. (15)	Medical history and physical examination Complete blood cell count Erythrocyte sedimentation rate	SPT to foods Oral food challenge	Parasites in stool	Parasites in stool	T4, TSH ANA CH50 Anti-microsomal and anti-thyroglobulin antibodies ASST

CMV: cytomegalovirus; EBV: Epstein-Barr virus; HAV: hepatitis A virus; HBV: hepatitis B virus; HCV: hepatitis C virus; HSV: herpes simplex virus; ANA: anti-nuclear antibody; Ig: immunoglobulin; TSH: thyroid-stimulating hormone; ASST: autologous serum skin test; SPT: skin prick test; C1-INH: C1-esterase inhibitor; CH50: 50% Haemolytic Complement Activity of Serum; RA: Rheumatoid factor test; T4: thyroxine; CAP-RAST: specific IgE antibodies measured by CAP-RAST test; HbsAg: Hepatitis B surface Antigen; TORCH: *Toxoplasma gondii*, rubella virus, cytomegalovirus, and Herpes simplex virus Antibodies.