

## What to consider if a test shows positive

Antigens tested	Clinical significance	What to consider
Total IgA	High IgA – GI tract under fire, inflammation and autoimmunity	Remove all positive reactive antigens from the patient's lifestyle and support with anti-inflammatories
	Low IgA – Possible mucosal immune deficiency and autoimmunity	Cow and camel colostrum, L-glutamine, glutathione, green tea, probiotics, fiber, exercise
Lipopolysaccharide	Gut dysbiosis	Probiotics, L-glutamine
Occludin/Zonulin, Actomyosin	Early stage of autoimmune reactivity to intestinal tight junction proteins, leaky gut	Probiotics, L-glutamine, glutathione, regulation of regulatory T cells by vitamins A, C, D and AhR, acetate, butyrate, propionate
ASCA/ANCA, Calprotectin	Yeast infection, activation of neutrophils in the gut tissue, release of enzymes, inflammation and autoimmunity in the gut and beyond	Probiotics, L-glutamine, glutathione, anti-inflammatories, Curcumin, green tea, vitamins A, C, D
a-gliadin, g-gliadin, Glutenin, Gluteomorphin, Wheat germ agglutinin	Failure of oral tolerance, mucosal gluten reactivity, celiac disease, non-celiac gluten sensitivity, lack of digestive enzymes including DPPIV	Gluten-free and dairy-free diet, digestive enzymes including DPPIV
Transglutaminase	Early immune reactivity to the intestinal villi antigens and enzymes, possible celiac disease, non-celiac gluten sensitivity, autoimmunity	Gluten-free and dairy-free diet, support regulatory T cells with vitamins A, C, D and AhR
a-,b-casein, Casomorphin	Failure of oral tolerance and dairy immune reactivity	Gluten-free and dairy-free diet, digestive enzymes including DPPIV
Corn, Soy, Egg	Failure of oral tolerance, immune reaction to these food antigens, their cross-reactivity with human tissue	Removal of offending foods from diet.
Aflatoxin	Over-exposure to food containing aflatoxin, immune reaction to food proteins and aflatoxin	Oral glutathione, change in dietary habits including organic diet
Bisphenol-A, Mercury, Mixed heavy metals	Oral and mucosal exposure to plastic materials and heavy metals that bind to proteins in the GI tract	Lifestyle modification, liquid in non-plastic bottles, particular attention to fish consumption, oral glutathione, detoxification
Rotavirus	Chronic exposure to rotavirus and induction of inflammation, celiac disease, non-celiac gluten sensitivity	Probiotics, anti-inflammatory factors, gluten-free diet, regulation of regulatory T cells by vitamins A, C, D and AhR
Myelin basic protein, BBB protein	Inflammation in the gut, damage to enteric nerve and release of neuronal antigens, disturbance in gut motility, neuroautoimmunity	Probiotics, glutathione, N-acetylcysteine, fiber, acetate, butyrate, propionate, green tea extract, minocycline, curcumin
Immune Complexes	Excessive antigen-antibody reaction, activation of complement cascade, induction of leaky gut, entry of many food antigens into circulation	Removal of Array 4 and Array 10 immunoreactive foods from diet, probiotics, L-glutamine, glutathione, fiber, acetate, butyrate, propionate, vitamins A, C, D