



US BioTek Laboratories

IgA antibody Testing

May 1, 2009

US BioTek's in-house studies demonstrate out of 90-95% patient sera negative for specific-IgE, 70-85% test positive for specific-IgG. Patient sera negative for both specific-IgE and IgG, 30-40% test positive for specific-IgA.

US BioTek Laboratories is pleased to announce:

Effective **May 1, 2009**, **IgA Antibody Testing** is available for

Foods, Herbs, Spices, 16 Indoor & Outdoor Inhalants

IgA Antibody Testing provides additional information to identify possible suspect food or inhalant triggers.

Impairment of humoral and mucosal immune responses, or oral tolerance, plays a contributing role to the pathogenesis of disease.

The breakdown of oral tolerance may result in abnormal processing of food proteins in the gut resulting in pro-inflammatory food antigen handling.

Research studies suggest elevated serum antibodies, *IgA*, *IgE* or *IgG* to food proteins are markers of this immune intolerance.

Elevated IgA antigliadin is a proven useful marker of the immune reaction in the small intestine triggered by gluten, in celiac disease.

The immunological trigger effects of food-specific IgA antibodies merit close consideration for the screening and management of other chronic inflammatory disease conditions where there is a suspected loss of oral tolerance.

IgA may be ordered independently, or with any IgG panel or any combined IgG/IgE panels.

Sample Requirements:

Serum: 1ml for each Food, Herb & Spice or Inhalant Panel

Blood Spot: 1 Blood Collection Card. Vegetarian Food Panel requires 2 Collection Cards.



Please, Contact us for more information.

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