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Celiac Panel **Accession Number:**

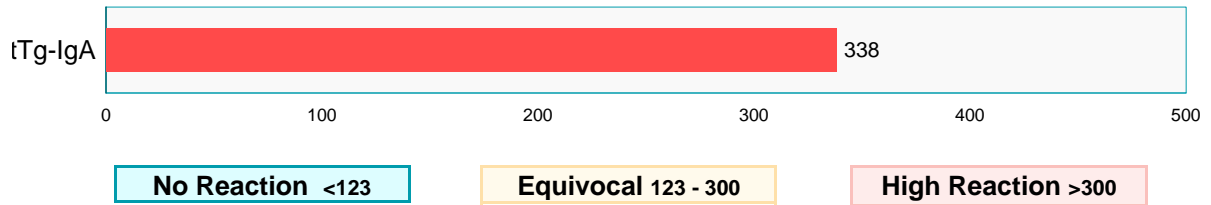
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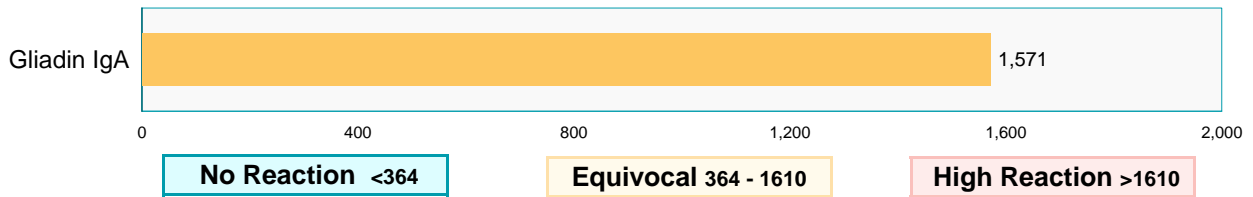
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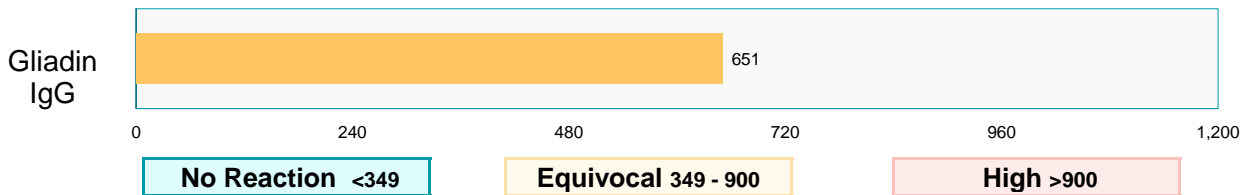
Tissue transglutaminase IgA



Gliadin IgA



Gliadin IgG



Anti-tissue transglutaminase IgA (tTg-IgA)

The tissue transglutaminase-IgA antibody is a very sensitive test for celiac disease. Approximately 95% of people who test positive for this antibody have celiac disease confirmed by an intestinal biopsy. However, a "no reaction" result for anti-tissue transglutaminase does not necessarily mean that wheat and gluten should be consumed on a regular basis. Reactions to gluten and the proteins in gluten may still occur and indicate a sensitivity to wheat products.

Anti-gliadin IgA and IgG

Gliadin is a protein found in wheat gluten. Although antibodies to gliadin are produced in celiac disease, they may also be an indication of gluten allergy or gluten sensitivity rather than full-blown celiac disease. Measurement of gliadin antibodies is often used to monitor compliance with gluten-free diets.

A small percentage (approximately 4%) of celiacs are deficient in IgA. If celiac disease is strongly suspected and tissue transglutaminase-IgA is negative, a follow-up test of total IgA may be indicated.

Note: Tissue transglutaminase-IgA and gliadin IgG and IgA are semi-quantitative analyses and are not considered diagnostic for celiac disease. For confirmation of celiac diagnosis, a quantitative tTg-IgA and a biopsy are considered gold standard tests. Rocky Mountain Analytical does not diagnose or make treatment recommendations. Data is provided for research and educational purposes only.