

## STOOL: GLUTEN INTOLERANCE PLUS FECAL ANTI-TISSUE TRANSGLUTAMINASE AB

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### E) Gluten Sensitivity Stool Panel

Fecal Anti-gliadin IgA 18 Units (Normal Range is less than 10 Units)

Note: Any number higher than a 10 indicates a reaction to the food.

**Fecal Anti-tissue Transglutaminase IgA** 12 Units (Normal Range is less than 10 Units)

Note: Any number higher than a 10 indicates auto immune reaction caused by gluten.

**Quantitative Microscopic Fecal Fat Score** Less than 300 Units (Normal Range is less than 300 Units)

Note: Any number higher than 300 indicates malabsorption of dietary fat.

**Interpretation of Fecal Anti-gliadin IgA:** The level of intestinal anti-gliadin IgA antibody was elevated, indicative of active dietary gluten sensitivity. For optimal health; resolution or improvement of gluten-induced syndromes (mainly falling into six categories abbreviated as NAAAGS – neuropsychiatric, autoimmune, asthma, abdominal, glandular deficiencies/hyperactivity or skin diseases); resolution of symptoms known to be associated with gluten sensitivity (such as abdominal symptoms - pain, cramping, bloating, gas, diarrhea and/or constipation, chronic headaches, chronic sinus congestion, depression, arthritis, chronic skin problems/rashes, fibromyalgia, and/or chronic fatigue); and prevention of small intestinal damage and malnutrition, osteoporosis, and damage to other tissues (like nerves, brain, joints, muscles, thyroid, pancreas, other glands, skin, liver, spleen, among others), it is recommended that you follow a strict and permanent gluten free diet. As gluten sensitivity is a genetic syndrome, you may want to have your relatives screened as well.

**Interpretation of Fecal Anti-tissue Transglutaminase IgA:** The level of intestinal IgA antibodies to the human enzyme tissue transglutaminase was above normal. Hence, there is evidence of a gluten-induced autoimmune reaction to this enzyme.

**Interpretation of Quantitative Microscopic Fecal Fat Score:** Provided that dietary fat is being ingested, a fecal fat score less than 300 indicates there is no excessive malabsorbed dietary fat in stool, indicating that digestion and absorption of fat and other nutrients is currently normal.

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