



## SPECIALTY TESTS EnteroScan®

### BIOCHEMICAL & IMMUNOLOGICAL BLOOD TESTS

Name:	Gender: <b>MALE</b>	Age: <b>57 YEARS</b>
Sample Taken Day: <b>9 JANUARY 2024</b>	Date of Analysis: <b>9 JANUARY 2024</b>	
Specimen: <b>Serum</b>	Patient Code Number:	

Code	TEST	RESULT	REFERENCE VALUES
2372	<b>Fatty-Acid Binding Protein 2</b> (FABP2, I-FABP)  Method: ELISA	<b>2894.0 pg/ml</b> ↑	< 2200.0 pg/ml
2372	<p>Fatty Acid-Binding Protein 2 (FABP2), also known as intestinal fatty acid-binding protein (I-FABP), is a protein that plays a crucial role in the transport of fatty acids in the small intestine. It is a member of the fatty acid-binding protein family, which includes several related proteins with similar functions in various tissues. FABP2 has been studied as a potential biomarker for various gastrointestinal diseases. Elevated levels of FABP2 in the blood indicate <b>intestinal mucosal damage and leaky gut</b>, making it a marker for conditions like celiac disease, Crohn's disease, and other gastrointestinal disorders.</p> <p>A disturbed intestinal barrier has been described for intestinal diseases, but also other systemic inflammatory diseases such as rheumatoid arthritis, migraines, autism, ADHD, depression, multiple sclerosis, or chronic fatigue syndrome (CFS). Apart from inflammatory bowel disease, the pathogenesis of intestinal permeability disorder is often unclear. The gut microbiome as well as the immune system, particularly mechanisms of impaired tolerance, are often associated with a leaky gut. Numerous circumstances can promote leaky gut, such as food intolerances, intestinal exposure to toxic metals, infections, medications (NSAIDs, antibiotics, etc.), spicy foods, and alcohol consumption. Stress can also lead to a leaky gut, possibly through psychosomatic changes in the microbiome or through sympathetic stimulation of mast cells.</p>		

Reference Values & Methods adapted from:

1. Analytical Biochemistry, Holme & Peck, 3<sup>rd</sup> ed., 1998, Prentice Hall
2. Laboratory Tests and Diagnostic Procedures, Chervenck & Berger, 5<sup>th</sup> ed., 2008, Saunders Elsevier
3. Interpretation of Diagnostic Tests, Wallach, 8<sup>th</sup> ed., 2007, Lippincott

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Mesogeion 6, Ampelokipoi 115 27 • Tel: 210-7777.654 • FAX: 210-7777.634 • www.athenslab.gr

**Vasilis J. Sideris**  
Medical Doctor  
Biopathologist