

Final Report Date:	07-03-2018 18:31	Specimen Collected:	06-03-2018 18:31
Accession ID:	1512010000	Specimen Received:	06-03-2018 18:31

LAST NAME	FIRST NAME	MIDDLE NAME	GENDER	DATE OF BIRTH	ACCESSION ID
TESTNAME	PATIENT		MALE	2008-08-24	1512010000

<h3>PATIENT</h3> <p>Name: PATIENT TESTNAME Date of Birth: 2008-08-24 Gender: Male Age: 9 Height: 7'1" Weight: 169 lbs</p> <p>Telephone #: 000-001-0002 Street Address: 1021 HOWARD AVENUE SUITE B City: San Carlos State: CA Zip #: 94070</p> <p>Fasting: FASTING</p>	<h3>PROVIDER</h3> <p>Practice Name: Demo Client, MD Provider Name: Demo Client, MD (999994) Street Address: 1021 HOWARD AVENUE City: SAN CARLOS State: CA Zip #: 94070 Telephone #: 800-842-7268 Fax #: 222-222-2222</p>
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Vibrant Wellness is pleased to present to you, **Intestinal Permeability Panel** testing, to help you make healthy lifestyle choices in consultation with your physicians and dietitians. It is intended to be used as a tool to encourage a general state of health and well-being.

The results are displayed in 3 columns surrounded by **GREEN (In Control)**, **YELLOW (Moderate)** or **RED (High Risk)** box. Potential risk, related information and potential risk mitigation choices are presented towards the end of the report and will populate for individual tests if you have a **YELLOW** or **RED** result.

Ratings for the references are calculated based on the Impact Factor, Citations, and Study Population of the references which correlate the antigen/antibody with the associated conditions. It is indicated based on a star based system (1 star – 5 stars) with 5 stars indicating the best correlation of the protein with the potential associated risk. The Impact Factor of the journal in which the reference is published is the number of citations received by articles published in that journal during the two preceding years, divided by the total number of articles published in that journal during the two preceding years. Study population includes the number of samples tested along with gender, age and ethnicity of the population.

Vibrant Wellness is a personalized health analytics company founded out of our passion to serve patients and providers. The Vibrant Wellness platform provides tools for you to track and analyze your general wellness profile. All testing offered by Vibrant Wellness is performed at a CLIA approved lab testing facility and licensed by California Department of Public Health.

Please Note - It is important that you discuss any modifications to your diet, exercise and nutritional supplementation with your physician before making any changes.

To schedule an appointment with Vibrant Clinical Dietitians please call: Toll-Free 866-364-0963.

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Intestinal Permeability Panel	Test name	In Control	Moderate	High Risk	In Control Range	Moderate Range	High Risk Range	Previous
	Zonulin (ng/mL)	<10.0			≤45.3	45.4~55.3	≥55.4	47.8 05/09/2018
	Anti-Zonulin IgG	0.77			≤0.89	0.90~1.10	≥1.11	0.95 05/09/2018
	Anti-Zonulin IgA	0.20			≤0.89	0.90~1.10	≥1.11	0.54 05/09/2018
	Anti-Actin IgG	0.67			≤0.89	0.90~1.10	≥1.11	0.86 05/09/2018
	Anti-Actin IgA	0.09			≤0.89	0.90~1.10	≥1.11	0.37 05/09/2018
	Anti-LPS IgA (U/ml)	8.7			≤30.0		≥30.1	61.0 05/09/2018
	Anti-LPS (IgG + IgM) (U/ml)	125.9			≤281.0		≥281.1	66.0 05/09/2018

References

PANEL	REFERENCE/ABSTRACT	RATING
LEAKY GUT PANEL	<p>Alessio Fasano. Zonulin and Its Regulation of Intestinal Barrier Function: The Biological Door to Inflammation, Autoimmunity, and Cancer. This review talks about the increased interest in the role of a "leaky gut" in the pathogenesis of several pathological conditions targeting both the intestine and extra intestinal organs.</p>	★★★★★
	<p>Silvia Pedreira et.al. Significance of smooth muscle/anti-actin autoantibodies in celiac disease. The study evaluates the clinical relevance of the presence of IgA type anti-actin antibody (AAA) and SMA in 92 adult patient with celiac disease. The results indicated the presence of increased IgA AAA serum levels is a highly sensitive marker of the disturbed architecture of intestinal epithelial cells of CD patients also the presence of SMA seems to define a distinct subset of CD patients with a more severe clinical outcome.</p>	★★★
	<p>Melanie Uhde, Mary et. al. Intestinal cell damage and systemic immune activation in individuals reporting sensitivity to wheat in the absence of coeliac disease. The study aims to determine if sensitivity to wheat in the absence of coeliac disease is associated with systemic immune activation that may be linked to an enteropathy.</p>	★★★