



Verisana LAB • 818 N Quincy St Unit 806 • Arlington, VA 22203

Jane Smith
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Anytown, CA 45789
USA

Surname, First name Smith,Jane

DOB 05/01/1980

Sex female

Lab number 2-4877

Report date 04/01/2020

Laboratory report

Enclosed you will find the results of your laboratory examination. In addition to your results you will also receive a summary of the correlating effects, regarding the tested parameters. These are compiled without any knowledge on the clinical background and as such, may only be used as an interpretation aid. In case of health problems, please consult a doctor or practitioner for medical treatment and accompaniment for making the best decisions for your health. We explicitly warn against beginning, suspending, or changing any medication or therapy without consulting your doctor or practitioner.

Test: Zonulin Test

Sample material: Stool

Date collected: 03/14/2019

Date received: 03/18/2019

Analyte	Result	Reference range	Result
Inflammation and Permeability			
Zonulin	246ng/ml	14-108ng/ml	

Zonulin

Zonulin is a protein molecule involved in the regulation of intercellular tight junctions in the intestinal wall. When it binds to specific receptors on the cell surface, the tight junctions open and as a result increase the permeability of the intestinal epithelial cells. This can be caused by certain bacteria, an



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interrupted intestinal mucus layer, missing muconutritive flora or contact with gliadin. The influx of foreign antigens and cell components can trigger immunological reactions and dysregulation. Elevated levels can be found in type 1 diabetes, autoimmune diseases, celiac disease, multiple sclerosis, rheumatoid arthritis and other chronic conditions.

Yours sincerely,

Your laboratory team