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Dr Test Doctor

Lab ID
Patient ID PAT-100009
Ext ID 25011-0009

Test Patient
Sex: Female 45yrs 01-Jan-80
123 Home Street, Test

RECEIVED
11-Jan-25

FAECAL ZONULIN

Specimen type - Stool, Spot

Collected

07-Jan-25

SERVICE	RESULT	H/L	REFERENCE	UNITS
Zonulin	130	H	(0-107)	ng/mL

GIT Markers Comment

ELEVATED ZONULIN:

Zonulin is a regulatory protein that modulates the permeability of the intestinal barrier by controlling the opening and closing of tight junctions between intestinal epithelial cells. While physiologically important for nutrient and fluid absorption, excessive zonulin release can lead to increased intestinal permeability, often referred to as “leaky gut.” This condition may contribute to systemic inflammation, liver stress, nutrient malabsorption, and has been associated with autoimmune diseases such as rheumatoid arthritis.

Elevated zonulin levels may indicate disruption of gut barrier integrity and should be interpreted alongside other inflammatory markers, such as faecal calprotectin, to assess intestinal inflammation. Potential triggers for increased zonulin release include imbalances in gut microbiota and exposure to dietary factors like gluten or gliadin.

ACCREDITATION SCOPE: Please note that the above test is currently not under the laboratory's scope of accreditation.

Methodology

Enzyme-Linked Immunosorbent Assay (ELISA)