



Gut Immunology Panel



63 Zillicoa Street
Asheville, NC 28801
© Genova Diagnostics

Patient: **JOHN DOE**

DOB: April 22, 1987

Sex: M

MRN:

Order Number:

Completed: September 29, 2011

Received: September 23, 2011

Collected: September 19, 2011

Gut Immunology		
Analyte	Result	Reference Range
Eosinophil Protein X ♦	42.5	<= 7.0 mcg/g
Calprotectin	197	<=50 mcg/g

EPX

Eosinophil Protein X (EPX) reflects inflammation and tissue damage, and can be elevated in celiac disease, collagenous colitis, helminthic/parasitic infection, and IgE mediated food allergies. Elevated EPX requires further diagnostic testing to determine the cause.

Calprotectin

Calprotectin is a neutrophilic marker specific for inflammation in the gastrointestinal tract. It is elevated with infection, post-infectious IBS, and NSAID enteropathy. Fecal calprotectin can be used to differentiate IBD vs. IBS, to monitor treatment in IBD, and to determine which patients should be referred for endoscopy and/or colonoscopy. Levels between 50-120 should be repeated at 4-6 weeks and confirmed.

Assays noted with ♦ are For Research Use Only.

Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or treatment recommendations. Diagnosis and treatment decisions are the responsibility of the practitioner.

The **Reference Range** is a statistical interval representing 95% or 2 Standard Deviations (2 S.D.) of the reference population.

One Standard Deviation (1 S.D.) is a statistical interval representing 68% of the reference population. Values between 1 and 2 S.D. are not necessarily abnormal. Clinical correlation is suggested.

(See example below)

