

Test Description

The PROMETHEUS IBcause Diagnostic Test evaluates a unique combination of 20 blood and stool measures. Also, PROMETHEUS IBcause may help you get to a diagnosis and specific treatment plan faster by testing for common underlying causes of persistent diarrhea all at one time. In addition, the test includes a proprietary assay for bile acid malabsorption that is not available elsewhere.

- **Specimen Requirements**
 - 2.0 mL Serum, SST or Red Top and 30.0 mL Stool (Precision[™] Stool Collector or equivalent)
- **Shipping Requirements**
 - Samples must be shipped refrigerated; Stool sample requires Nanocool[®] transport kit - DO NOT FREEZE
- **Storage/Stability – Serum:** 3 days refrigerated **Stool:** 2 days refrigerated
- **Turn Around Time:** 3-4 business days from date of receipt
- **Do not ship Stool on Saturday or over a holiday**

Test Information

Catalog Number	Test Name	Assay	Reference Value	Result Identifier*
8200	IBcause	High Sensitivity C-reactive Protein (hsCRP)	<7.4 mg/L	A00075
		7 α -hydroxy-4-cholesten-3-one (7C4)	\leq 12 EU/mL	A00077
		Anti-Endomysial IgA (EMA IgA)	Negative	A00003
		Anti-Human Tissue Transglutaminase IgA (tTG IgA)	< 10.3 U/mL	A00013
		Total Serum IgA by Nephelometry	<3 years: 8-220 mg/dL 3-13 years: 41-395 mg/dL; >13 years to adult: 44-441 mg/dL	A00012
		Fecal Calprotectin	< 50 mg/kg	A00078
		Fecal Gastrointestinal Pathogens	Non-detected	A00079

*Result identifier provided for use in HL7 applications

Laboratory Description

- Prometheus is located in San Diego, CA. Tax ID# 33-0685754 NPI# 1073642641.
- Licensed in all states including New York and California.
- This test was developed and its performance characteristics determined by Prometheus Laboratories Inc. It has not been cleared or approved by the U.S. Food and Drug Administration. Prometheus Laboratories Inc. is a CAP accredited CLIA laboratory.

CPT[®] Codes (as applied by Prometheus)

82784 (x1) Gammaglobulin (immunoglobulin); IgA
 83520 (x2) Immunoassay for analyte other than infectious agent antibody or infectious agent antigen; quantitative, (NOS)
 83993 (x1) Calprotectin, fecal
 86141 (x1) C-reactive protein; high sensitivity (hsCRP)
 87507 (x1) Infectious agent detection by nucleic acid (DNA or RNA); gastrointestinal pathogen; includes multiplex reverse transcription, when performed, and multiplex amplified probe technique, multiple types or subtypes, 12-25 targets.
 88346 (x1) Immunofluorescence, per specimen; initial single antibody stain procedure

Literature References

1. DuPont HL. Persistent diarrhea: a clinical review. JAMA. 2016;315(24):2712-2723.
2. Juckett G, Trivedi R. Evaluation of chronic diarrhea. Am Fam Physician. 2011;15;84(10):1119-1126.
3. Gujral N, Freeman HG, Thomson AB. Celiac disease: prevalence, diagnosis, pathogenesis and treatment. World J Gastroenterol. 2012; 18(42):6036-6059.
4. Hodges K, Gill R. Infectious diarrhea: cellular and molecular mechanisms. Gut Microbes. 2010 Jan;1(1):4-21.
5. Spiller R, Lam C. An update on post-infectious irritable bowel syndrome: role of genetics, immune activation, serotonin and altered microbiome. J Neurogastroenterol Motil. 2012;18(3):258-68.
6. Barkun AN, Love J, Gould M, Pluta H, Steinhart H. Bile acid malabsorption in chronic diarrhea: pathophysiology and treatment. Can J Gastroenterol. 2013;27(11):653-659.
7. Data on File. Prometheus Laboratories Inc. DOF16-005, 02/2017.

Assays and methods within this test may be covered by one or more US pending patents. For details, please visit www.prometheuslabs.com CD16008 1/17

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