

## 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.

- **Specimen Requirements** - 2.0 mL Serum, SST or Red Top and 30.0 mL Stool (Precision<sup>™</sup> Stool Collector or equivalent)
- **Shipping Requirements** - Samples must be shipped refrigerated; Stool sample requires Nanocool<sup>®</sup> transport kit - DO NOT FREEZE
- **Storage / Stability – Serum:** 7 days refrigerated **Stool:** 4 days refrigerated
- **Turn Around Time** - 3-4 business days from date of receipt
- **Do not ship Stool 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 $\alpha$ -hydroxy-4-cholesten-3-one (7C4)	≤ 55 ng/mL	A00113
		Anti-Endomysial IgA (EMA IgA)	Negative	A00003
		Anti-Human Tissue Transglutaminase IgA (tTG IgA)	< 20 CU	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.
- IBcause 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<sup>®</sup> Codes (as applied by Prometheus)

- 82784 (x1) Gammaglobulin (immunoglobulin); IgA
- 82542 (x1) 7C4
- 82397 (x1) Chemiluminescent assay; Anti-Human Tissue Transglutaminase (hu-tTG)
- 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

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- Hodges K, Gill R. Infectious diarrhea: cellular and molecular mechanisms. Gut Microbes. 2010 Jan;1(1):4-21.
- 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.
- 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.
- Data on File. Prometheus Laboratories Inc. DOF16-005, 04/2018.

This test may be covered by one or more US pending or issued patents – see prometheuslabs.com for details.

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