

Diagnos-Techs, Inc.

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CLIA License # 50D0630141

Accession # 13-17770

Received : 03/13/2013
Completed: 03/19/2013
Reported : 03/19/2013

THE RED APPLE CLINIC
CAROLINE EDWARDS, ND
26 SUMMERHILL AVE
NEWPORT, GWENT
SOUTH WALES NP19 8FP
ENGLAND Tel: 011441633262772

Results For:
BENJAMIN HOWELL
Age/DOB: 25 / 08/26/1987 Sex: Male

Patient's Tel:
Specimen Collected: 03/07/2013

Code	Test Name	Result / Notes	Reference Values/Key
GI-02	<u>Expanded GI Panel</u>		
CS1	Stool Cu. Fungi, Isol. & I.D.	No yeast isolated	+1=Trace +2=Light +3=Moderate +4=Abundant +5=Confluent
GP2	Ova & Parasites, x3 (Stool)	No Ova or Parasites Seen	
GP3	Bacterial Stool Cu.	Heavy growth mixed Gram negative rods/flora. Heavy growth mixed Gram positive rods/flora. Bacterial Overgrowth Detected ----- Enterobacter cloacae- Heavy growth Streptococcus salivarius - Heavy growth No Salmonella, Shigella, or E coli O157 isolated No Yersinia, Vibrio, or Aeromonas isolated No Proteus or Pseudomonas isolated In general, early disturbances in microfloral balance may be reflected in the non expected and selective overgrowth of microbial species that are usually non dominant. Please note: As of January 19th 2013, stool cultures are performed utilizing the MALDI TOF Mass Spectrometer which has not been cleared by the US Food and Drug Administration. All CLIA required performance specifications for a lab developed test have been validated by DTI and found to be in compliance.	<i>Expected Findings:</i> - Moderate to heavy growth of mixed Gram (+) & (-) flora - No pathogens should be detected.
GP3CA	Campylobacter Antigen	Negative	Normal: Negative
GP3ST	Shiga Toxins 1 & 2 (Stool)	Negative	Normal: Negative
GP3CD	C. Difficile: Toxins A & B (Stool) Testing Toxins A+B yields 99% sensitivity; single toxin test yields 83%.	Negative	Normal: Negative
GP4	Giardia Antigen (Stool)	Negative	Normal: Negative
GP5	Cryptosporidium Antigen (Stool)	Negative	Normal: Negative
GP6S	Toxoplasma Ab, SIgA (Saliva)	Negative	Normal: Negative
GP7S	Ameba histolytica Ab, SIgA (Saliva)	Not detected	Normal: Not detected
GP8S	Helicobacter pylori Ab, IgG (Saliva)	<3	Negative: < 3 U/ml Borderline: 3-5.5 U/ml Positive: >5.5 U/ml
MB2	Total Intestinal SIgA (Stool)	315	Low: <400 mg/100g dry wt Normal: 400-880 Elevated: >880

Code	Test Name	Result / Notes	Reference Values/Key
GI-02	Expanded GI Panel		
MB3	Intestinal Lysozyme (Stool)	16 Elevated lysozyme indicates an ongoing colonic inflammation.	Normal: <6 mg/100g dry wt Bord. Elevated: 6-8 Elevated: >8
MB4	Alpha Anti-Chymotrypsin (Stool)	85 * Applicable with elevated lysozyme; small intestine irritation with normal lysozyme.	Normal: <60 mg/100g dry wt Borderline Elev.: 60-100 Mild/Distal Colitis: 100-180 * Colonic Inflammation: >180 *
FG1	Chymotrypsin (Stool)	14 Chymotrypsin is a marker enzyme for pancreatic exocrine output.	Normal: >9 U/10g Low: 4-9 Abnormally Low: <4
FG4	Occult Blood (Stool)	Negative	Normal: Negative.
FG5	Fecal pH	6.0 Fecal pH values in stool specimens older than 5-7 days may not be reflective of pH at time of collection due to microbial induced changes.	Normal: 5-8.5
FI1	Milk (Casein) Ab. SIgA (Saliva)	Negative	Normal: Negative.
FI2	Soy (Protein) Ab. SIgA (Saliva)	Negative	Normal: Negative.
FI3	Egg (Albumin) Ab. SIgA (Saliva)	Negative	Normal: Negative.
FI4	Gliadin Ab, SIgA (Saliva)	3 Negative Gliadins are polypeptides found in wheat, rye, oat, barley, and other grain glutens, and are toxic to the intestinal mucosa in susceptible individuals. Healthy adults and children may have a positive antigliadin test because of subclinical gliadin intolerance. Some of their symptoms include mild enteritis, occasional loose stools, fat intolerance, marginal vitamin and mineral status, fatigue, or accelerated osteoporosis. Scan. J. Gastroenterol. 29:248(1994).	Borderline: 13-15 U/ml Positive: >15 U/ml
ASC	Roundworm (Ascaris lumbricoides) SIgA (Saliva)	Not detected	Normal Result: Not detected
TRIC	Trichinella spiralis SIgA (Saliva)	Not detected	Normal Result: Not detected
T-SOL	Tapeworm (T.solium) SIgA (Saliva)	Not detected	Normal Result: Not detected

Diagnosis Code: Not Provided To The Lab.

Please Note: All examples of patient treatment or therapy are for illustrative and/or educational purpose. Use this report in context of the clinical picture and patient history before initiating hormone or other therapies or recommendations.

COURTESY INTERPRETATION of test and technical support are available upon request, to Physicians Only.