



Microdigestive Panel

Doctor ID 6206		Patient Name Doe, John		
Age 0	Sex M	Date of Birth	Accession # 500014	Test Code 6010
Date Collected 12/3/2012	Date Received 12/3/2012	Date Reported 12/4/2012	Tech MM	
Comments				

Doctor Name and Address:

Sample Report

Fax:

Phone:

Test	Result	Abnormal Result	Normal Range
MICROSCOPIC EXAM			
Neutral Fats	3-8/HPF	Yes	0 - 7 /HPF
Starch	0-1 /HPF	Yes	0 /HPF
Undigested Meat Fibers	0-1 /HPF	Yes	0 /HPF
Vegetable Fibers	4-10 /HPF	Yes	0 - 5 /HPF
WBC	3-5 /HPF	Yes	0 - 3 /HPF
RBC	0-2 /HPF	Yes	0 - 1 /HPF
Yeast	5-10 /HPF	Yes	0 - 5 /HPF
Steatocrit	11.7 %	Yes - High	0 - 8.8 %

COMMENTS:

NEUTRAL FAT: Over 7/HPF and/or steatocrit over 8.8% suggests pancreatic insufficiency or possible biliary tree blockage, also found in patients with rapid intestinal motility due to food allergies.
SUGGESTED FOLLOW-UP: Pancreatic sufficiency test, pancreatic enzyme replacement therapy challenge. Food allergy (ELISA) test should also be performed to rule out food allergies. Repeat test on abnormal results after follow-up.

STARCH: The presence of starch suggests pancreatic insufficiency or biliary tree blockage.
SUGGESTED FOLLOW-UP: Pancreatic sufficiency test, pancreatic enzyme replacement.

UNDIGESTED MEAT FIBERS: If 0-2/HPF are seen, and there is no evidence of digestive difficulty, this may be normal. However, more than 2/HPF may be an indication of insufficient stomach HCL and pepsin production. This may interfere with proper protein breakdown in the gut. Decreased HCL secretion is associated with vitamin B12 deficiency. Decreased HCL also leads to an alkaline intestinal environment, which may result in bowel flora imbalance.
SUGGESTED FOLLOW-UP: Heidelberg Capsule Gastric Analysis or Betaine HCL and Pepsin challenge.

VEGETABLE FIBERS: Over 5/HPF suggests a pancreatic enzyme deficiency. This may be due to either a

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Test	Result	Abnormal Result	Normal Range
	weak pancreas or an insufficient acid bolus of food entering the intestine and signaling the pancreas to turn on. SUGGESTED FOLLOW-UP: Repeat microscopic exam for vegetable and fiber remnants. Check results of meat fibers, digestion and pH. A qualitative test that measures pancreatic sufficiency may be an option.		
RBC'S:	More than an occasional RBC suggests lower intestinal bleeding, allergic or chemical irritation, ulceration or varcositus. SUGGESTED FOLLOW-UP: Determine exact cause of increased RBCs.		
YEAST CELLS:	Over 5/HPF suggests a possible yeast infection. The presence of yeast cells microscopically is only suggestive of a yeast infection and must be confirmed by a culture if symptoms and history agree. SUGGESTED FOLLOW-UP: Culture for yeast to confirm or rule out a yeast infection.		
STEATOCRIT:	Over 7/HPF and/or steatocrit over 8.8% suggests pancreatic insufficiency or possible biliary tree blockage, also found in patients with rapid intestinal motility due to food allergies. SUGGESTED FOLLOW-UP: Pancreatic sufficiency test, pancreatic enzyme replacement therapy challenge. Food allergy (ELISA) test should also be performed to rule out food allergies. Repeat test on abnormal results after follow-up.		