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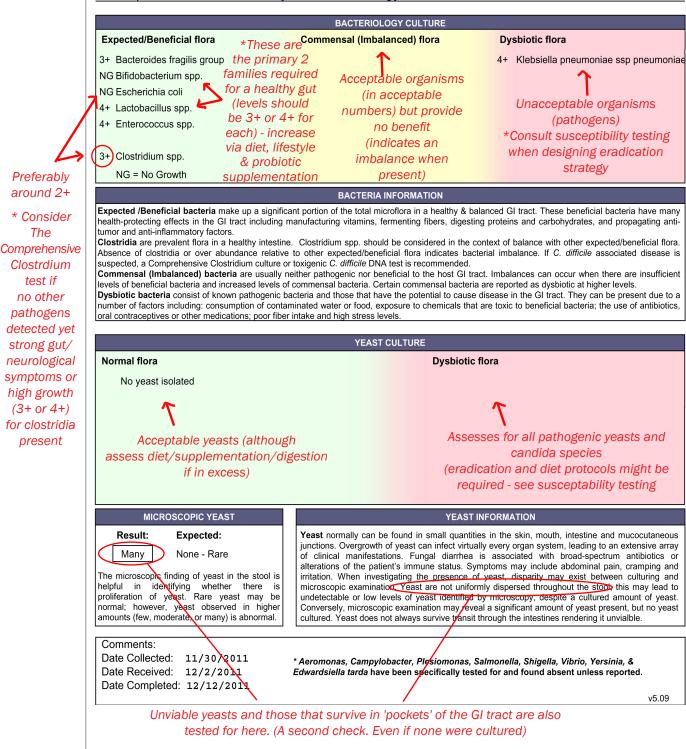
Comprehensive Stool Analysis (CSA) with Parasitology x3



LAB #: F000000-0000-0 **PATIENT: Sample Patient** ID: P0000000 SEX: Male AGE: 82

CLIENT #: 12345 DOCTOR: Doctor's Data, Inc. 3755 Illinois Ave. St. Charles, IL 60174

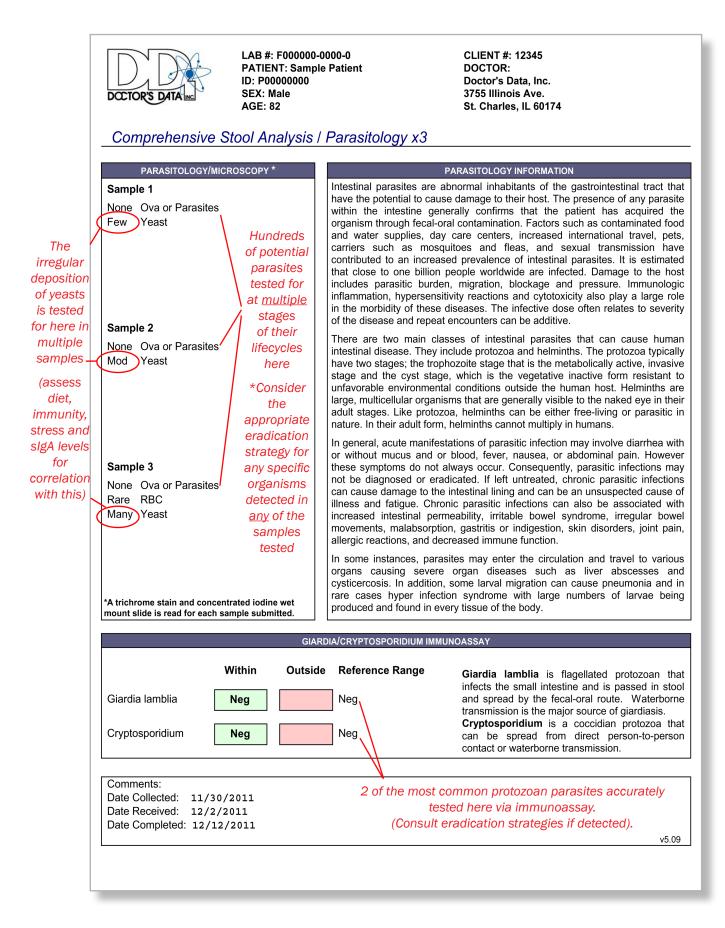
Comprehensive Stool Analysis / Parasitology x3







Comprehensive Stool Analysis (CSA) with Parasitology x3 (continued)



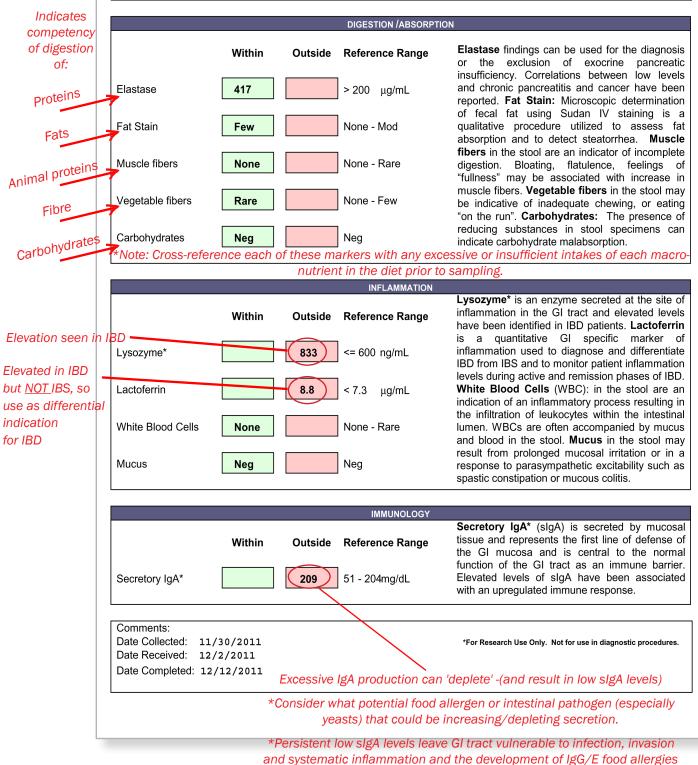






LAB #: F000000-0000-0 PATIENT: Sample Patient ID: P00000000 SEX: Male AGE: 82 CLIENT #: 12345 DOCTOR: Doctor's Data, Inc. 3755 Illinois Ave. St. Charles, IL 60174

Comprehensive Stool Analysis / Parasitology x3







Comprehensive Stool Analysis (CSA) with Parasitology x3 (continued)



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Comprehensive Stool Analysis / Parasitology x3

				SHORT CHAIN FATTY AC				
		Within	Outside	Reference Range	Short chain fatty acids (SCFAs): SCFAs are the end product of the bacterial fermentation			
	% Acetate	57		36 - 74 %	process of dietary fiber by beneficial flora in the gut and play an important role in the health of the GI as well as protecting against intestinal			
Sufficient	% Propionate	17		9 - 32 %	dysbiosis. Lactobacilli and bifidobacteria produce large amounts of short chain fatty acids, which decrease the pH of the intestines and therefore			
Butyrate is key to colon	% Butyrate	23		9 - 39 %	make the environment unsuitable for pathogens, including bacteria and yeast. Studies have shown			
health *Proper	% Valerate	2.6] 1 - 8 %	that SCFAs have numerous implications in maintaining gut physiology. SCFAs decrease inflammation, stimulate healing, and contribute to			
balance and level	Butyrate	1.4		0.8 - 3.8 mg/mL	normal cell metabolism and differentiation. Levels of Butyrate and Total SCFA in mg/mL are important for assessing overall SCFA production,			
of SCFA's suggests correct flora,	Total SCFA's	6.0] 4 - 14 mg/mL	and are reflective of beneficial flora levels and/or adequate fiber intake.			
appropriate								
diet, & adequate	INTESTINAL HEALTH MARKERS							
digestion, (and		Within	Outside	Reference Range	Red Blood Cells (RBC) in the stool may be associated with a parasitic or bacterial infection,			
reduced colon cancer	Red Blood Cells	Rare		None - Rare	or an inflammatory bowel condition such as ulcerative colitis. Colorectal cancer, anal fistulas, and hemorrhoids should also be ruled out.			
risk)	рН	6.4		6 - 7.8	pH: Fecal pH is largely dependent on the fermentation of fiber by the beneficial flora of the gut.			
***The per	Occult Blood	Neg blood in con	secutive st] Neg tool	Occult blood: A positive occult blood indicates the presence of free hemoglobin found in the stool, which is released when red blood cells are			
tests ind	icates referral for er	ndoscopic inv	estigation/	1	lysed.			
(as does per	sistently elevated la	ctoferrin & ly	sozyme le	VEIS) MACROSCOPIC APPEARA	ANCE			
		Appearance		Expected	Color : Stool is normally brown because of pigments formed by bacteria acting on bile			
	Color	Brown		Brown	introduced into the digestive system from the liver. While certain conditions can cause changes in stool color, many changes are			
	Consistency	Soft		Formed/Soft	harmless and are caused by pigments in foods or dietary supplements. Consistency: Stool normally contains about 75% water and ideally should be formed and soft. Stool consistency can vary based upon transit time and water absorption.			

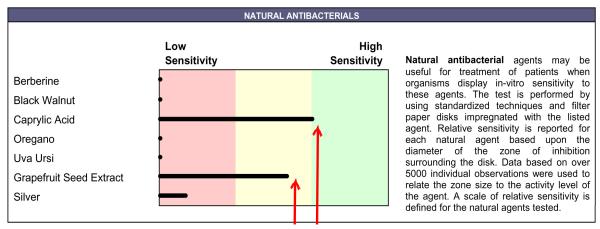






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Bacterial Susceptibilities: Klebsiella pneumoniae ssp pneumoniae



Best 'natural' eradication agents for the pathogen detected

		PRESCRIPTIVE	EAGENTS	
	Resistant	Intermediate	Susceptible	Susceptible results imply that an infection
Amoxicillin-Clavulanic Acid			S	due to the bacteria may be appropriate treated when the recommended dosage
Ampicillin	R			the tested antimicrobial agent is used. Intermediate results imply that response
Cefazolin			S	rates may be lower than for susceptible
Ceftazidime			S	bacteria when the tested antimicrobial agent is used.
Ciprofloxacin			S	Resistant results imply that the bacteria will not be inhibited by normal dosage levels of
Trimeth-sulfa			S	the tested antimicrobial agent.
			1	1
				agents for the pathogen detected
	Agents with th	ne least disrup	tion potential	agents for the pathogen detected to rest of flora should be considered flora imbalances/infections

