

Diarrhea

Differential diagnosis diarrhea	
Infections	<i>Bacteria:</i> E.coli (VTEC), staphylococci, salmonellae, shigella, Campylobacter jejuni/coli, yersinia, aeromonas/plesiomonas, Vibrio cholerae, Vibrio parahaemolyticus, cryptosporidia, mycobacteria;
	<i>Viruses:</i> rotavirus (antigen in stool), adenovirus (antigen in stool); norwalk(noro)virus (antigen in stool), rare: astrovirus, calicivirus, coronavirus;
	<i>Protozoa:</i> Entamoeba histolytica, lamblia, Balantidium coli, worms, worm eggs. Travelling in tropic areas?
by bacterial food poisoning toxins	e.g. staphylococci, Clostridium botulinum, Bacillus cereus;
Intoxications	lead, chrome, arsenic, mercury;
Medication	laxative, colchicine, chenodeoxy cholic acid and others;
Pseudo-membranous colitis	by <i>Clostridium difficile</i> , complication in antibiotic therapy (Clostridium difficile toxin detection in stool);
Allergy	by food: milk, egg white, chocolate, baker yeast, nuts, citrus fruits, fish, strawberries, and others; by pollen: seasonal appearance

Maldigestion	in postgastrectomy syndrome, chologenic diarrhea (bile acid loss, bile acids in serum increased), exocrine pancreatic insufficiency;
Malabsorption	in celiac disease, lactase deficiency, M. Whipple, radiation enteritis, perturbation of enteral circulation or lymphatic drainage;
Chronic GIT disorders	M. Crohn, colitis ulcerosa;
Malignoma	colon cancer, adenoma (CA 19-9, CEA);
Hormonal	hyperthyroidism, carcinoid, gastrinoma, vipoma (vasointestinal polypeptide producing pancreas tumor, rare), diabetes mellitus, M. Addison, Zollinger-Ellison syndrome (gastrin highly elevated);
Functional	irritable bowel syndrome (IBS)
HIV infection and gastroin-testinal symptoms	CMV, blastocystis hominis, cryptosporidia, herpes, Entamoeba histolytica, adenovirus, lamblia, campylobacter, microsporidia, salmonellae spp., mycobacteria;
Other rare causes	collagen colitis (profuse diarrheas, deposits of collagen in tunica propria)

General:

General examinations: blood differential, hematocrit, ESR or CRP, electrolytes, stool test (shigellas, salmonella, yersinia) and parasites, GI panel (PCR).

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>