

Simplified Clinical Solutions

TEST #	TEST NAME AND DESCRIPTION	SPECIMEN
NOTE: Test fees are available to qualified health professionals only.		
Hormones		
Functional Adrenal Stress Profiles Evaluate the impact of chronic stress on endocrine function by measuring bioactive hormones. Test results will guide you with hormone therapies, lifestyle modification, and reversal of symptoms. Test #205 is our most popular panel and appropriate for all teenage and adult patients. Test #204 is applicable to pre-adolescents. The #201-S and #205-S include four measurements of secretory Immunoglobulin A for immune function analysis.		
201	Functional Adrenal Stress Profile Cortisol x 4, 2 averaged DHEA-S	Saliva
201-S	Functional Adrenal Stress Profile w/ slgA x 4 Cortisol x 4, 2 averaged DHEA-S; Secretory IgA x 4; includes 1-Day Patient Diary	Saliva
204	Functional Adrenal Cortisol Rhythm Cortisol x 4	Saliva
205	Functional Adrenal Stress Profile plus V Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, testosterone (AM), melatonin (bedtime), progesterone (bedtime)	Saliva
205-S	Functional Adrenal Stress Profile plus V w/ slgA x 4 Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, testosterone (AM), melatonin (bedtime), progesterone (bedtime); Secretory IgA x 4; includes 1-Day Patient Diary	Saliva
205E	Functional Adrenal Stress Profile plus V with Estrone Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, estrone, testosterone (AM), melatonin (bedtime), progesterone (bedtime)	Saliva
Female Hormone Profiles Map the female cycle with these carefully configured panels. Run the #207 to map cycles of women with menstrual cycles 24 days or less. Run the #208 for women with cycles 24 days or longer. The #209 is used to establish baseline levels of hormones in the post-menopausal woman; hormone levels on a particular day of the menstrual cycle in pre-menopausal women; and to monitor the efficacy of adjunctive hormone therapies. Our Clinical Advisors can assist in interpretation and protocols for these and all other tests.		
207	Premenopause Hormone Profile 11 estradiol, 2 testosterone (AM), 11 progesterone	Saliva
208	Expanded Premenopause Hormone Profile 17 estradiol, 2 testosterone (AM), 17 progesterone	Saliva
209	Female Hormone Profile DHEA-S, estradiol, estriol, testosterone (AM), progesterone	Saliva
209E	Female Hormone Profile w/ Estrone DHEA-S, estradiol, estriol, estrone, testosterone (AM), progesterone	Saliva
Additional Hormone Profiles The #210 is used along with the #205 for sleep disorders. The #270 offers additional measurements of cortisol and DHEA for select cases. The #211 is specifically for DHEA follow-up.		
210	Melatonin Biorhythm Profile Melatonin x 4	Saliva
211	DHEA-S Average 2 averaged DHEA-S	Saliva
270	Expanded Circadian Rhythm Cortisol (8am, Noon, 4pm, 8pm, Midnight, 4am); DHEA-S (8am, 8pm, Midnight); Estradiol (8am); Testosterone (8am); Progesterone (8am)	Saliva

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- **RETURN SHIPPING:** Specimen collection kits sent within the United States include prepaid FedEx return mailers. Clients in all other countries are urged to use a similarly reliable carrier for rapid return of specimens to the lab.
- **COMPLIMENTARY CLINICAL SUPPORT:** Available from practicing clinicians. Call 800-570-2000 for assistance.
- **LICENSURE:** Founded in 1998, BioHealth Laboratory, is based in California. CLIA License Number: 05D0982456. California Department of Health Services certified, License Number: CLF11695.

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TEST #	TEST NAME AND DESCRIPTION	SPECIMEN
Hormones (continued from page 1)		
Single Hormones		
251	Cortisol	Saliva
252	Estradiol	Saliva
253	Estriol	Saliva
254	Melatonin	Saliva
255	Progesterone	Saliva
256	Testosterone	Saliva
258	Estrone	Saliva
260	Estradiol/Testosterone	Saliva
Metabolism		
Test #101 is a panel comprised of three critical markers, measuring dysfunctional protein digestion, oxidative cellular damage, liver function, and detoxification capacity. Use the results of this panel to refine nutritional therapies, lifestyle modification, and further laboratory testing investigations. Our Clinical Advisors can assist in interpretation and protocols for this critical panel.		
101	Metabolic Assessment Profile Lipid peroxides, urinary bile acid sulfates, indican	Urine
107	Indican	Urine
108	Urinary Bile Acid Sulfates	Urine
109	Lipid Peroxides	Urine
Gastrointestinal		
Microbiology - Pathogens		
Digestive tract infections and dysbiosis must be analyzed to determine a patient's functional health status. BioHealth's microbiology department uses advanced staining and antigen techniques to recover pathogens without the artificially high results often seen in other, less time-proven, laboratory methods. Panel #401H is most frequently used as it includes antigen detection of the <i>Helicobacter pylori</i> bacterium. For serum antibody detection of <i>H. pylori</i> , test #383 is available with IgG, IgM, and IgA.		
401	GI Pathogen Screen Ova & parasites x 4 (Trichrome stain) plus antibodies to the antigens of <i>Giardia lamblia</i> , <i>Cryptosporidium parvum</i> , <i>Entamoeba histolytica</i> . Plus Stool x 1: Bacteria, fungi, yeasts, occult blood, <i>Clostridium difficile</i> : Colitis toxins A & B	Stool
401H	GI Pathogen Screen with <i>H. pylori</i> Antigen (Combination: #401 and #418)	Stool
410	Ova & Parasite Ova & parasites x 4 (Trichrome stain): protozoa, flatworms, roundworms, etc.	Stool
412	Yeast Culture	Stool
414	Giardia Antigen <i>Giardia lamblia</i> antigen w/ Trichrome stain	Stool
415	Cryptosporidium Antigen <i>Cryptosporidium parvum</i> antigen w/ Trichrome stain	Stool
416	Entamoeba histolytica Antigen <i>Entamoeba histolytica</i> antigen w/ Trichrome stain	Stool
417	Clostridium difficile: Colitis Toxins A & B <i>Clostridium difficile</i> : Colitis toxins A & B	Stool
418	Helicobacter pylori Stool Antigen	Stool

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TEST #	TEST NAME AND DESCRIPTION	SPECIMEN	FEE
383	Helicobacter pylori Antibodies Antibodies IgG, IgM, IgA to Helicobacter pylori	Blood	
Immunology			
Intestinal Permeability - Mucosal Barrier Function Healthy function of the intestinal barrier is essential to disease prevention and overall optimal health. Being on the front lines in defending the body, the mucosal layer, the surface barrier of the GI tract, is exposed to a multitude of stressors, antigens, pathogens, imbalances of neurotransmitters, toxins and medications. These can weaken and break down the protective barrier. The #304 panel evaluates: the integrity of the gut's mucosal barrier; antigen penetration; dysbiosis; leaky gut; malabsorption; dietary protein sensitivity; secretory IgA production; intestinal permeability; crypt hyperplasia; antibody response to: Candida, aerobic and anaerobic bacteria, and dietary proteins. Our Clinical Advisors can assist in interpretation and protocols.			
304	Intestinal Barrier Function Screen (Salivary) IgA+IgM (combined) to: Combined dietary proteins (Wheat, Corn, Soy, Cow's Milk, Egg); aerobic bacteria; anaerobic bacteria; Candida yeast; Secretory IgA	Saliva	
310	Secretory IgA	Saliva	
Celiac Disease/Gluten Intolerance Identifying intolerance to the food protein gliadin (commonly referred to as <i>gluten</i>) is essential in patient work-ups. Test #230 combines data from serum and saliva to identify both gluten intolerance and celiac disease. Test #234 provides a single secretory IgA to quantify the result of a gliadin IgA measurement. An elevation in the salivary anti-gliadin antibody is evidence of mucotoxic reaction to the gliadin polypeptide within the digestive tract. Patients with elevated antibodies need to avoid all foods that contain gluten.			
230	Celiac/Gluten Sensitive Enteropathy Profile Total Serum IgA, IgA to Transglutaminase, IgA/IgG to gliadin; Salivary sIgA, IgA to gliadin	Blood/Saliva	
234	Secretory IgA/Gliadin IgA	Saliva	
Blood Chemistry			
We have configured a blood chemistry panel that offers incomparable variety and value. For a complete list of markers contained in the panel, see below. The #290 is applicable to all health work-ups and is very popular with doctors managing chronic illness.			
290	Expanded Chemistry Profile Anemia Screen, Auto-Immune Screen, Basic Lipid Panel, Bone and Mineral Screen, Celiac/Gluten Sensitivity Screen, Coronary Risk Screen, Glycemic Control Screen, Liver Function Screen, Renal/Electrolyte Screen, Thyroid Screen	Blood	