

**Identify and Resolve the Root Cause**

TEST #	TEST NAME AND DESCRIPTION	SPECIMEN
<b>NOTE: Test fees are only available to health professionals. Call 800-570-2000 for more information.</b>		
<b>Hormones</b>		
<b>Functional Adrenal Stress Profiles</b>		
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.		
<b>201</b>	<b>Functional Adrenal Stress Profile</b> Cortisol x 4, 2 averaged DHEA-S	<b>Saliva</b>
<b>201-S</b>	<b>Functional Adrenal Stress Profile w/ sIgA x 4</b> Cortisol x 4, 2 averaged DHEA-S; Secretory IgA x 4; includes 1-Day Patient Diary	<b>Saliva</b>
<b>204</b>	<b>Functional Adrenal Cortisol Rhythm</b> Cortisol x 4	<b>Saliva</b>
<b>205</b>	<b>Functional Adrenal Stress Profile plus V</b> Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, testosterone (AM), melatonin (bedtime), progesterone (bedtime)	<b>Saliva</b>
<b>205-S</b>	<b>Functional Adrenal Stress Profile plus V w/ sIgA x 4</b> Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, testosterone (AM), melatonin (bedtime), progesterone (bedtime); Secretory IgA x 4; includes 1-Day Patient Diary	<b>Saliva</b>
<b>205E</b>	<b>Functional Adrenal Stress Profile plus V with Estrone</b> Cortisol x 4, 2 averaged DHEA-S, estradiol, estriol, estrone, testosterone (AM), melatonin (bedtime), progesterone (bedtime)	<b>Saliva</b>
<b>Female Hormone Profiles</b>		
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.		
<b>207</b>	<b>Premenopause Hormone Profile</b> 11 estradiol, 2 testosterone (AM), 11 progesterone	<b>Saliva</b>
<b>208</b>	<b>Expanded Premenopause Hormone Profile</b> 17 estradiol, 2 testosterone (AM), 17 progesterone	<b>Saliva</b>
<b>209</b>	<b>Female Hormone Profile</b> DHEA-S, estradiol, estriol, testosterone (AM), progesterone	<b>Saliva</b>
<b>209E</b>	<b>Female Hormone Profile w/ Estrone</b> DHEA-S, estradiol, estriol, estrone, testosterone (AM), progesterone	<b>Saliva</b>
<b>Additional Hormone Profiles</b>		
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.		
<b>210</b>	<b>Melatonin Biorhythm Profile</b> Melatonin x 4	<b>Saliva</b>
<b>211</b>	<b>DHEA-S Average</b> 2 averaged DHEA-S	<b>Saliva</b>
<b>270</b>	<b>Expanded Circadian Rhythm</b> Cortisol (8am, Noon, 4pm, 8pm, Midnight, 4am); DHEA-S (8am, 8pm, Midnight); Estradiol (8am); Testosterone (8am); Progesterone (8am)	<b>Saliva</b>

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- **LICENSURE:** Founded in 1998, BioHealth Diagnostics 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
<b>Hormones</b> (continued from page 1)		
<b>Single Hormones</b>		
251	Cortisol	Saliva
252	Estradiol	Saliva
253	Estriol	Saliva
254	Melatonin	Saliva
255	Progesterone	Saliva
256	Testosterone	Saliva
258	Estrone	Saliva
<b>Metabolism</b>		
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	<b>Metabolic Assessment Profile</b> Lipid peroxides, urinary bile acid sulfates, indican	Urine
107	Indican	Urine
108	Urinary Bile Acid Sulfates	Urine
109	Lipid Peroxides	Urine
<b>Gastrointestinal</b>		
<b>Microbiology - Pathogens</b>		
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 Helicobacter pylori bacterium. For serum antibody detection of H. pylori, test #383 is available with IgG, IgM, and IgA.		
401	<b>GI Pathogen Screen</b> Ova & parasites x 4 (Trichrome stain) plus antibodies to the antigens of Giardia lamblia, Cryptosporidium parvum, Entamoeba histolytica. Plus Stool x 1: Bacteria, fungi, yeasts, occult blood, Clostridium difficile: Colitis toxins A & B	Stool
401H	<b>GI Pathogen Screen with H. pylori Antigen</b> (Combination: #401 and #418)	Stool
410	<b>Ova &amp; Parasite</b> Ova & parasites x 4 (Trichrome stain): protozoa, flatworms, roundworms, etc.	Stool
412	<b>Yeast Culture</b>	Stool
414	<b>Giardia Antigen</b> Giardia lamblia antigen w/ Trichrome stain	Stool
415	<b>Cryptosporidium Antigen</b> Cryptosporidium parvum antigen w/ Trichrome stain	Stool
416	<b>Entamoeba histolytica Antigen</b> Entamoeba histolytica antigen w/ Trichrome stain	Stool
417	<b>Clostridium difficile: Colitis Toxins A &amp; B</b> Clostridium difficile: Colitis toxins A & B	Stool
418	<b>Helicobacter pylori Stool Antigen</b>	Stool
383	<b>Helicobacter pylori Antibodies</b> Antibodies IgG, IgM, IgA to Helicobacter pylori	Blood

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TEST #	TEST NAME AND DESCRIPTION	SPECIMEN
<b>Immunology</b>		
<b>Intestinal Permeability - Mucosal Barrier Function</b>		
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.		
<b>304</b>	<b>Intestinal Barrier Function Screen (Salivary)</b> IgA+IgM (combined) to: Combined dietary proteins (Wheat, Corn, Soy, Cow's Milk, Egg); aerobic bacteria; anaerobic bacteria; Candida yeast	<b>Saliva</b>
<b>310</b>	<b>Secretory IgA</b>	<b>Saliva</b>
<b>Celiac Disease/Gluten Intolerance</b>		
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.		
<b>230</b>	<b>Celiac/Gluten Sensitive Enteropathy Profile</b> Total Serum IgA, IgA to Transglutaminase, IgA/IgG to gliadin; Salivary sIgA, IgA to gliadin	<b>Blood/Saliva</b>
<b>234</b>	<b>Secretory IgA/Gliadin IgA</b>	<b>Saliva</b>
<b>Blood Chemistry</b>		
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.		
<b>290</b>	<b>Expanded Chemistry Profile</b> 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	<b>Blood</b>
<b>Expanded Chemistry Profile - Markers by Screen</b>		
ANEMIA SCREEN Iron, Percent Iron Saturation, Ferritin, Transferrin, HGB, Vitamin B-12 and Folate		
AUTO-IMMUNE SCREEN RA Factor (Latex Fixation), ANA Screen		
BASIC LIPID PANEL Cholesterol, triglycerides, HDL, Direct LDL, VLDL (CALC), CHOL/ HDL Ratio		
BONE AND MINERAL SCREEN Alkaline Phosphatase, Calcium, Calcium (Ionized), Magnesium		
CELIAC/GLUTEN SENSITIVITY SCREEN Anti-Gliadin, IgA and IgG, Anti-Transglutaminase, IgA, Immunoglobulin (IgA)		
CORONARY RISK SCREEN Homocysteine, Lipoprotein (a), CRP (Highly Sensitive), CPK		
GLYCEMIC CONTROL SCREEN Cortisol (Serum), Glucose, Amylase, Insulin, Hemoglobin A1c		
LIVER FUNCTION SCREEN Bilirubin, Total, Alkaline Phosphatase, SGOT (AST), SGPT (ALT), LDH, GGTP, Total Protein, Albumin, Globulin, A/G Ratio		
RENAL FUNCTION/ELECTROLYTE SCREEN BUN, Creatinine, BUN/CREAT Ratio, Uric Acid, Sodium, Potassium, Chloride, Carbon Dioxide		
THYROID SCREEN T-3 Uptake, Total T-4 (Thyroxine), Free Thyroxine Index, TSH-Ultra Sensitive, Free T-3, Free T-4		