

## **Nutrient Level Testing Services**

### **Adrenal Stress Index™ (ASI™)**

The Adrenal Stress Index™ (ASI™) panel was introduced by Diagnos-Techs in 1989 to evaluate stress, a leading cause of morbidity and mortality. It is a simple non-invasive test utilizing four saliva samples collected at specified time periods during the day. Since the human adrenal gland does not secrete its steroid hormones at a constant level throughout the day, the Adrenal Stress Index™ (ASI™) provides the clinician with a comprehensive assessment of adrenal function throughout the daily cycle. The ASI panel consists of ten (10) saliva tests: Cortisol (x4), 17-OH Progesterone, DHEA/DHEA-S, Insulin (x2), Gliadin Ab, and Secretory IgA.

### **Allergy/Antibody Profile Test**

Researchers estimate that 60% of the U.S. population suffers from reactions to foods that can cause or complicate a health problem. Some types of allergic reactions can occur hours or days after the consumption of the specific food. This type of food allergy is often referred to as a “hidden” allergy due to its delay in realizing symptoms. The IgG Food Antibodies Test measures the total IgG levels that react to 30 common food antigens.

### **Bone Health Panel™ (BHM™)**

The Bone Health Panel™ provides an assessment of bone health utilizing a combination of non-invasive saliva and urine tests. Diagnosis of osteoporosis has relied heavily on technology that shows HOW MUCH bone has been lost. The Bone Health Panel™ measures HOW FAST bone is being lost and the hormone levels associated with bone health. This panel consists of one (1) saliva specimen and one (1) urine specimen and eight (8) individual tests measuring the free fractions of six (6) key hormones: Estradiol, Progesterone, Testosterone, FSH, Cortisol (x2), DHEA/DHEA-S, and urinary PTHrP (DpD).

### **Element (Mineral) Profile Tests:**

The body needs certain elements to function properly, while other elements are highly toxic. Signs of a toxic body include: fatigue, lethargy, depression, headaches, allergies, muscle aches, chronic infections, frequent colds, sluggishness, nervousness, irritability, sensitivity to perfume or odors, and joint pains. Both urine and hair tests are available to identify levels of essential trace elements and toxic heavy metals in your body. Using the results of this test we can determine the minerals need to be increased in the diet and the minerals that need to be removed from the body. Toxic heavy metals and essential trace elements are found in hair in levels many times higher than those found in any other body tissue making hair an excellent method to test for the trace elements.

### **Female Hormone Panel™ (FHP™)**

The Female Hormone Panel™ (FHP™) is a non-invasive test consisting of 11 saliva specimens collected during specified time periods throughout the menstrual cycle. The ovaries are a major component of the female reproductive cycle and they release hormones in a cyclical manner which is referred to as the menstrual cycle. The Female

Hormone Panel™ provides a dynamic mapping of the free fraction levels of Estradiol (E2) and Progesterone (P) throughout one cycle. In addition, the cycle average of Testosterone (T) and DHEA are measured. The Female Hormone Panel™ includes: Estradiol (x11), Progesterone (x11), cycle average Testosterone and DHEA/DHEA-S, 3 Progesterone production indices, 4 Estradiol production indices, a full cycle P/E ratio graph and an example of a restorative plan. The expanded Female Hormone Panel™ (eFHP™) includes an additional five (5) FSH and five (5) LH measurements.

### **GI Health Panels**

Diagnos-Techs' GI Health Panels are a group of a non-invasive screens of the gastrointestinal tract and its function. The GI-1- Gastrointestinal Panel™ and GI-2- Gastrointestinal Panel™ measure 15 or 22 individual, yet related tests utilizing saliva and stool specimens. Additional panels include: The FIP-Food Intolerance Panel™ consisting of the 4 most common intolerance tests: Gluten, Soy, Milk and Egg proteins, The GP9-S-Ova & Parasites Panel™ consisting of Ova & Parasites, Giardia Ag, Cryptosporidium Ag, and Amoeba detection-saliva, and the GP10-S-Ova & Parasites Panel™ which includes all the tests in GP9-S plus H.pylori Ab-saliva.

### **Health Risk Profile Tests**

Three urine tests are available. The Bone Resorption Test measures Deoxypyridinoline in the urine which can identify accelerated bone breakdown and predict the probability of bone loss without therapy. The Estronex 2/16 Test measures the 2- and 16-alpha-hydroxyderivatives of estrone and estradiol. If the ratio is too low, you may be susceptible to breast cancer. There Estronex 2/16 with Bone Resorption Test combines the two tests described above.

### **Male Hormone Panel™ (MHP™) and Expanded Male Hormone Panel™ (eMHP™)**

The Male Hormone Panel™ (MHP™) allows the clinician to assess male hormone functionality affecting vigor, vitality and virility using a non-invasive saliva collection. The aging process is inevitable, but restoring lost male vitality is within reach. The Male Hormone Panel™ (MHP™) evaluates the androgen pathway by measuring the free fractions of 6 hormones: Androstenedione, Testosterone (T), Dihydrotestosterone (DHT), Estrone (E1), Progesterone (P), and DHEA/DHEA-S. The expanded Male Hormone Panel™ (eMHP™) contains all the tests in the MHP™ plus FSH and LH.

### **Postmenopause Panel™ (PostM™) and Perimenopause Panel™ (PeriM™)**

Menopause is a natural and usually gradual change in glandular function in women resulting in substantial shifts in hormone levels. The Postmenopause Panel™ provides measurements of six key hormones: Estrone (E1), Estradiol (E2), Estriol (E3), Progesterone (P), Testosterone (T) and DHEA, DHEA-S (pooled). The Perimenopause Panel™ contains the same components as the Postmenopause Panel™ but sampled twice, 13-15 days apart. The inclusion of FSH and LH in the expanded Postmenopause Panel™ (ePostM™), extends the interpretation to include pituitary involvement.