

BIA Profile

Biological Immunity Analysis

Test Report for: Sample Client

Test Number: 1

Test Date: 01 Jan 2005

Age: 64

Ht: 5' 11" Wt: 220/200

BP: / Pulse: 0 Smoking: 0 Drugs: 0 Surgery: 696

Bal Sugar	Urine pH	Urine BpH	Bal Salts	Cell Debris	Nitrates	Bal Protein	EM	ER	AR
Sugar	Saliva pH	Saliva BpH	Salts		Ammonia			BA	SD
6.3	6.9	5.4	28	4	9	17	45	45	3
4.1	5.9	7.4	40		9			77	2

Urine pH Zone: 20

Saliva pH Zone: 30

Sugars:	2
Salts:	4
Nitrogen:	3

= Bladder
= Pituitary
= Small Intestines

= Spleen/Pancreas
= Lungs
= Liver

RATIOS: Normal Actual

Salt / Sug:	4.6	9.8
Salt / Prot:	1.5	2.2
Prot / Sug:	3.2	4.4

General

Recommendations

Additional Recommendations May Include:

[Tendencies](#)

[General Diet](#)

[Additions / Deletions](#)

[Supplements](#)

(For Research Only - No Diagnosis Implied or Intended))

Water Wash Out: The need for a water washout is dependent on the level of toxicity demonstrated by the test results. The washout is used to lower stress conditions that may presently be affecting vital organs. The length of time for this washout should be a minimum of 1 week - there is no hard and fast rule. The washout is a preparatory measure to starting the full program. This sets the stage for nature to follow the line of least resistance.

Drink 4 oz. of distilled water every 30 minutes until a total of half your body weight in fluid oz. have been consumed during the course of the day. Continue with the water washout until further advised.

Foods to be completely avoided: Pork, or any of its products: Ham, Ribs, Bacon, Sausage, Chops or anything that contains pork fat or lard. Seafood (fish or crustaceans without fins and scales); such as Dolphin, Cat Fish, Crab, Shrimp, Clams, Oysters, Lobster, Tuna and Swordfish. Also Snails, Frogs, Turtle, Snake, Eel, Rabbit, Squirrel, Horse, Mule, Bear, Duck, or Goose and any products containing these meats. Chocolate and cocoa, white or black pepper, and nutmeg.

Avoid as much as Possible: Black tea (Lipton, Nestea, etc) soda pop (especially diet), white flour products, white sugar, hydrogenated fats, homogenized milk, coffee, alcohol, pop corn and irradiated or genetically engineered foods.

NEVER USE A MICROWAVE

General Comments

Don't be overwhelmed, it is a simple program to follow, however, it becomes difficult when it requires us to change our habits and lifestyle. As you progress you will begin to understand the principles and application of restoring your health. The recommendations made are based on the results of your analysis, and are for informational purposes only, and in no way are intended to diagnose or treat any disease or disease process.

Perfect Equation

Sugar	Urine/Saliva pH	Salts	Albumin	Ureas
1.5	6.4/6.4	6-7 C	.04 M	3/3

The above equation represents perfect health from a biological point of view. It is our goal to bring your chemistry within the ranges of the above referenced equation. To do so we must provide the body with the proper nutrients, in the proper amounts, and at the proper time.

Note: The terms sugar and carbohydrate are used interchangeably within the following text.

Additional Profile Data

Energy Categories Report

Details

I. SUGAR/Carbohydrate: The first factor is the sugar/carbohydrate reading. It measures all the blood carbohydrates; simple and complex. The sugars in the blood are directly responsible for the transportation of oxygen to the Brain, Liver and the tissue cells. The brain requires more oxygen than any other organ; the importance of oxygen to the liver is second only to the Brain.

The ideal range for the sugars is 1.5, but only if all the other numbers in the equation are ideal, higher or lower than this results in a loss of energy. The further you go from the ideal the greater the loss of energy, and the greater the oxygen deficiency. As a result, brain, liver and pancreatic functions are affected. Oxygen is a key element for the Liver. High or low levels of blood oxygen will prevent the liver from picking up calcium, thus interfering with molecular formation—so vital to structuring proper enzymes for DNA. Lack of available calcium to liver cells can cause the loss of buffering of acids within the cells structure in which calcium plays a primary part. Following an Oxygen deficiency comes a Vitamin A and Vitamin C deficiency as well. Usually in this situation a simultaneous deficiency of Vitamin D is present, which hinders the bodies ability to absorb and utilize Calciums. Calcium is the mineral that is needed more by weight and volume than any other mineral in the body. Conditions involving the skin and eyes will be become aggravated because of the reduced levels of vitamin A, and the precipitated levels of calcium linked to the imbalance of sugars.

As mentioned above reduced oxygen levels in the blood have important effects on the brain and the liver. These two are the most important organs in the body. When reduced oxygen is caused by carbohydrate changes, the change in mental response can be very severe, fatigue, mood swings, temper tantrums, epileptic like symptoms, phobias, heart rhythm problems, erratic emotions, dizziness, motion sickness, morning sickness, spacey feelings, depression to the point of suicide, alcoholic tendencies, allergies, intolerance to temperatures, acute indigestion with upper GI gas, nausea, insomnia, sleepiness after meals or during the day and even hallucinations.

In addition, carbohydrate problems involve a generalized disordered pancreatic function. The most seriously curtailed function is that of reduced production of bicarbonate and proteolytic enzymes. Enzymes are responsible for converting starches and sugars into functional energy forms, and are very sensitive to body chemistry configurations. Sugar imbalances are a product of incomplete digestion and mal-absorption due to poorly formed enzymes.

Acidosis is a result of carbohydrate problems, not only due to incomplete metabolism of carbohydrates, but also lipids and proteins. Incomplete metabolism of carbohydrates will reduce body temperature just enough to alter digestive speed and enzyme activity as well as overall metabolic function.

When the blood carbohydrate levels drop, then not enough pancreatic alcohol is produced. The pancreas produces alcohol in varying quantities, depending on the blood carbohydrate levels. Alcohol regulates the body temperature. Heart rhythm can be altered by lack of this alcohol.

The carbohydrate number has the greatest effect on the overall conscious and sub-conscious feeling of well being than any other number in the equation. It indicates the amount of potential energy available, per pound of weight, for the sex, age and race of the individual. This potential energy is in the form of heat, and is directly related to the pH and salts.

II. pH. Urine/Saliva: A scale of pH values ranging from 0 – 14 is used as a basis for comparison in the test sample. When this scale was set up it was based on two reference substances. Those substances were pure Sulfuric Acid and pure Calcium. Pure Sulfuric Acid represents the extreme acid end of the scale with a pH of 0, while pure Calcium represents the extreme alkaline end with a pH of 14. In reality pH is a measurement of resistance. Resistance is actually an electrical measurement. When the pH moves toward the 0 mark, there is an increase in the potential current flow because there is decreasing resistance. As the electric flow increases, there is an automatic increase in magnetism. However, as the pH moves toward the 14 mark, there is a decrease in electric flow due to the increased resistance, which is then followed by a decrease in magnetism.

Interestingly, all biologic life seems to have its best pH level at 6.40. It is at this resistance point that the best electrical flow is produced, which in turn produces the best magnetism. When the pH moves above or below the 6.40 zone, this means that the magnetism is not correct for picking up the molecular mineral structure and linking into the liver and constructing enzymes with it. Below 6.40, in the acid direction, there is not enough resistance so there is then too much electrical flow resulting in too much magnetism. Likewise, above 6.40, in the alkaline direction, there is too much resistance, so there is not enough electrical flow and magnetism decreases. Either way, the line of least resistance is missed and mineral energy is not utilized by the system in proper ratio. Thus the cell health cannot be maintained and degeneration progresses.

The pH of the Saliva tells us the strength of the liver and the digestive enzyme it is producing. The pH of the Urine tells us the outcome of what happened in the digestion a result of the liver's function. Since the blood and the liver, as well as the blood and general body tissue, have to be totally coordinated to allow proper exchange between them selves, the pH of the urine and saliva tells whether this is so.

The greater the difference in electrical potential (pH values), the poorer the energy exchange and the greater the loss of energy resulting in poorer health. The healthier a person the less variation between the urine and saliva pH. The more the urine and saliva pH move away from 6.40, the more they are indicating that the digestive enzymes are becoming too dilute and weak. This weakness is due primarily to the lack of one very important mineral: Calcium. Calcium is the foundation mineral of bulk substance for every cell in biological systems. Calcium content determines cell density as well as volume. Calcium levels within the cell, affect cell membrane permeability by being involved in controlling excessive metabolic acids. Calcium also has stabilizing effects on protein, to name just a few of the innumerable value of calciums. When calciums are reduced in the diet, and/or is more of one type than another, the pH eventually will be affected by drifting away from the 6.40 range. Where there is a large spread between the Urine and Saliva, the stomach is very eruptive in its initial digestive reaction.

Due to the large difference, in potential, between food coming into the digestion and the digestive enzymes themselves, a tendency to form gas and bloating is present. The stomach will empty quite rapidly so that incomplete processing of food by the stomach is a problem. The further the pH's are apart, the more potential drop and energy discharge there is. Since this excessive energy discharge is not proper, cell damage will result. Confirmation of this is seen in the high Albumin reading.

When the liver is not being fed the proper types and amounts of mineral energy, the various digestive enzymes are weakened. They then do not interact with the right amounts of resistance against the incoming food. This usually can be seen as too fast or too slow of digestion. This means that the energy released during the enzyme reactions will not be on the right frequency (ratio), thus the liver is not supplied with needed energy. As calcium is lost to the liver, oxygen pressure and hydrogen pressures become unequal within the tissue, preventing assimilation during digestion, so the link-up to build DNA is impaired or prevented altogether in the liver. So long as the proper strength of digestive enzymes is maintained by sufficient Calcium, Oxygen and Hydrogen intake, the speed of the food moving through the digestive system will be adequately regulated and the energy being released for the liver will be at the right frequency ratio. Being that the loss of calcium to the liver alters the resistance and thus the speed of digestion, we can manipulate the resistance of the digestion, by supplementing with calciums, altering the diet, implementing proper hydration and making changes to lifestyle. In effect we can reverse the degenerative process while correcting the imbalance.

III. Salts. The third factor is what is referred to as the “Salts”. In reality this is a conductivity reading of the sample of urine. There are approximately 48 different salts, or electrolytic agents given off in the urine, through the kidneys regularly. Another term that could be used for salts is electrolytes. An electrolyte is any substance that can conduct electricity. The human body is a complex dynamic bioelectric circuit. Electricity is constantly moving through-in and through-out every molecule, cell, and organ. As a result there is a constant interchange of atomic and molecular energy. Magnetism also accompanies the electrical flow in its unique relation.

The two factors of the test that relate directly to the electrical flow are the pH and the conductivity. Whereas the pH is a measure of speed and magnetism, conductivity is a measure of the quantity of current flowing as well as the osmotic pressures, fluid balance, and heat loss. In other words, the conductivity is a measure of the amount or quantity of current that the system is using to move the fluids of the body through membranes.

The body is designed to operate at certain current levels. When the current goes too high or too low, certain effects will be produced that will eventually result in symptoms of degeneration.

The body is 70 – 80 percent water and in this water are the different electrolytic salts. There are three major groups of electrolytes: salts, metal and proteins. Any of these can affect the salt reading in the equation. The liver is primarily responsible for storing the salts in the body. If the salt reading is high, the liver is malfunctioning and retaining too much salt. When it is working properly, it manufactures an amino acid, which has an affinity for the salts; it binds with the salt and carries it out of the system through the urine. If this amino acid is not produced, the salts will begin to be stored, first in the arteries and veins and later in the colon, fat cells and muscles. If too much salt is retained in our bodies, there will be an excess amount of current carried along the nerves. Add to this a high level of alcohol, due to high sugar (carbohydrate) in the system, and we have even more heat energy from the chemical effect of alcohol. This combination produces lower body temperatures and excess electrical energy loss.

If the salts remain too high too long, there is an effect on all the organs and tissues that contain smooth muscle. This muscle makes up all the involuntary muscles of the body, except the heart. These would include the muscular layers in all the blood vessels, both veins and arteries, the lymph vessels, all the ducts of glands and bladders of organs, and the digestive tract. Even a small muscle in the eye and one in the middle ear are classed as smooth muscle. This type of muscle is very vulnerable to over ionization, or too much current flow; mainly because it is associated with all the organs that have to do with either handling and/or the removal of fluids from the system. These fluids, when high in salts, will create an over ionized situation. This means that the high current flow is altering the electrical potential so that the healthy colloidal suspension in the fluids is gradually destroyed.

In other words, the body fluids contain living substances and organisms that must be kept at certain distances from each other in order to function properly. Increasing levels of ionization, that is osmotic pressure of conductivity, caused by increasing electrical current flow, causes the forces that keep the living substances at proper working distances to break down.

An effect known as coagulation and agglutination takes place when this happens, and the viscosity or thickness of the blood increases. The best known coagulation by-product is cholesterol. Hence the cause and effect of arteriosclerosis, also known as hardening of the arteries. As the vessels become more and more rigid and lose their elasticity the heart compensates by beating harder to get the blood through the circulatory system. This of course will aggravate blood pressure and congestive heart conditions. In areas where the blood fats do not plate, the irritated vessel wall will weaken and begin to balloon outward resulting in a tendency toward aneurysm. This ballooning of the vessel shows itself in ways such as hemorrhoids and varicose veins as well as intestinal polyps. In the digestive tract this pocketing will be seen as diverticula.

Another type of tissue that is affected by high current flow (salts), is the nerve tissue. The insulative myelin cells will deteriorate as a result of the high level of heat energy within the nerve caused by the high current flow. Numbness of the extremities, itching of the skin in the palms of hands and soles of the feet, even itching of the scalp and other skin area will develop as nature pulls the conductivity material from the nerves. Excess nerve stimulation increases as the amount of internal electrical tension increases.

High salt levels, contribute to a reverse osmosis, fluid movement in the reverse direction to what it should be if operating healthily. It is this reverse osmosis process, that can be involved in pulling the normal lubricating fluids (synovial fluids) out of the joints, causing various types of arthritis and joint stiffness.

There is a balance of electrolytes in which the body functions best and that point is between 6 and 7 C. When the liver is getting the proper amounts of Calcium, Iron and H₂O, it is able to conjugate, chemically tie up, the metabolic waste-salt materials into harmless non-soluble substances that the kidneys can eliminate. Drinking pure H₂O on the half-hour is most important, as it will flush excess salts from the cells allowing the kidneys to carry them out. In addition, drinking the water as scheduled will help establish the body rhythm and will start to re-pattern the body chemistry.

IV. Albumen/Cell Debris: Albumen is a measurement of the base exchange of cells within the body. This is the process by which old cells are discarded and new ones replace them. We sometimes refer to this as cellular debris. All worn out cells leave the body through the urine. The kidneys function like a filter allowing the energy from the worn out cells to pass out into the urine. The mineral deficiency in any part of the body will show up as a loss of energy; the water in the blood will collect this loss of energy (Heat) and carry it out of the body in the urine. The cell debris count tells us what is happening with the rate of exchange of energy, at all levels, within the functioning cell. A change in the ratio of exchange means a malfunction with cell deterioration resulting. The higher the "M" number, the lower the frequency. The lower the frequency the shorter length of time the cells live and the faster their normal turnover rate. Also, the lower the frequency the more water is required for the metabolic functions.

Several things can be deduced from the cellular debris. First, the higher the number, the faster the body is breaking down, or aging. Secondly, when the rest of the test is away from the ideal range, and the cell debris number is 4M or greater on the first test, it shows that nature is at least cooperating. Nature is attempting to keep up with the removal of cells that are no longer functioning within the proper frequency ratio of energy exchange in the body.

The Albumen reading is the first number that indicates a Vitamin C deficiency. Vitamin C is the agent (cement) that binds our cells together. When the cells are wearing out too fast, then Vitamin C is lost in the form of body heat. The cementing substance is no longer available and the cells are discarded. When this process is accelerated the body is aging too rapidly. Under ideal chemistry the loss, or the base exchange of cells, should equal the gain. During the program it is the goal to keep the cellular debris count up to at least 4M. It will be the last number to come down as the liver is rebuilt.

V. Ureas: The last part of the equation is made up of two numbers: Nitrate Nitrogen and Ammonia Nitrogen. The nitrate nitrogen is the top urea number and the ammonia nitrogen is the bottom urea number. They represent Nitrogen Oxide and Nitrogen Sulfate as found in the urine. These ureas are created from undigested protein, too much protein in the diet and/or from worn out cells. Ureas could be either soluble or insoluble. Soluble ureas are the most damaging to the heart. Soluble urea is a salt and will stimulate the heart to beat harder and stronger, and is conductive. Insoluble ureas come from the cellular debris (cells that are released from their locations to be discarded) and are non-conductive. Again we have the influence of the electromagnetic picture that develops from the ratio of differentials. These numbers represent energy being lost from the system. If the cellular urea remains in the blood stream for more than 72 hours they become soluble. When the ureas total 16 or higher persons will usually suffer fatigue and inward tension.

Nitrogen plays a unique roll as a major electrolyte in DNA and Amino Acid formation. Yet excess amounts of nitrogen are toxic. Nitrate Nitrogen represents protein (energy) in and Ammonia Nitrogen represents protein (energy) out. The Urea number is the total of these two. The ideal Urea Number is 3/3 or a total of 6, when all the other numbers are ideal. The proper range to keep the ureas in, while following the program is between 16 and 18.

Summary

Digestion either provides usable energy, on the frequency of the body, or it provides unusable energy that is not on the frequency of the body – basically toxic. When food enters digestion a resistance is encountered. This is a chemical reaction that takes place between the digestive enzymes and the food. In other words, a chemical pressure is applied to the food to take it apart into simpler forms of matter, heat and electricity.

When water, oxygen and calcium are being properly supplied to the body, the digestion will apply the correct amount of resistance pressure to the food resulting in the beginning of the proper frequency or line of resistance from the energy released. This properly adjusted energy can then be picked up by the liver to build all the basic building blocks for ideal healthy cells.

If resistance pressure on the incoming food is not correct, due to the lack of water, oxygen and calcium, the matter, heat and electricity released will be on the wrong frequency (incorrect line of resistance) not usable by the body.

Being un-useable, this energy is treated as though it were toxic by the part of the liver that is responsible for detoxifying (neutralizing) any chemical waste; whether it comes from the body's regular healthy metabolism, environmental poisons, or food that has been rendered toxic because of improper pressure in the digestion.

The result of improper digestion is the release of amino acids that are not on the frequency of the body. The liver cannot use them for making food energy for the body so the liver treats them as if they were a toxin and converts them into non-toxic Urea. These Urea salts take part in aggravating the conductance of the body fluids beyond what the body is designed to handle.

Keep in mind that all physical dis-ease starts with mineral (energy) deficiency. From here the effects can vary depending on the life-style and subsequent effects on body chemistry. If a person chooses to follow the recommendations and follows them faithfully, completely and persistently, the chemistry can be affected in such a way that the body, in the majority of situations, can be brought back into a more acceptable functioning range.

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