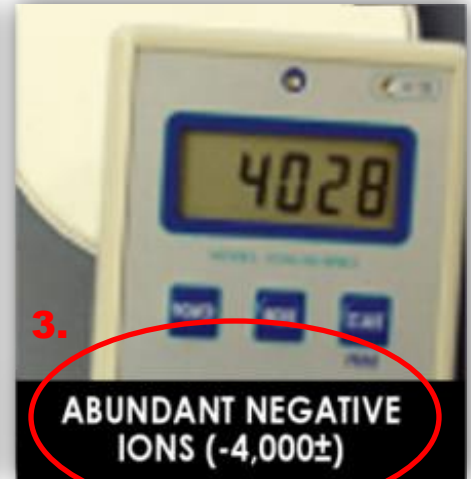
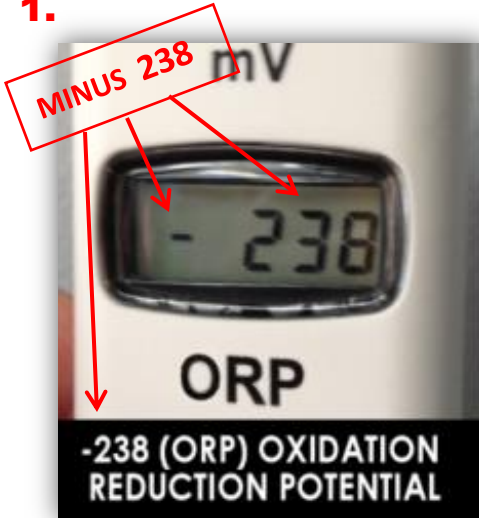


Three VELAQUA Water Test Results with Explanation

1.



'Oxidation Reduction Potential', (ORP), measures the potential of a solution to accept or donate electrons, oxidation potential or reduction potential, respectively...

['Oxidation', the process of 'rusting' ...]

'ORP' can also be directly tested using an ORP sensor and meter. You conduct these experiments as well. You will find that water coming directly from the tap will have an average ORP of about (positive) +290mV, while the water coming out of a water alkalizer will have a **negative** ORP. **The more negative the ORP of a substance (that is, the higher it's 'minus' negative ORP is), the more likely it is to engage in chemical reactions that donate electrons.** These electrons are immediately available to engage in reactions that neutralize positively charged free radicals.

Free radicals are among the most damaging molecules in the body and are highly unstable molecules that are oxidizing agents and are electron deficient. They are a principal cause of damage and disease in the body.

Oxygen **free radicals** contribute significantly to a broad variety of harmful conditions in the body ranging from life-threatening conditions such as heart disease, stroke and cancer, to less severe conditions such as sunburns, arthritis, cataracts, and many others.

'Free Radicals' MUST-WILL 'take-steal' electrons from somewhere and will steal them from whatever healthy cellular molecules are around, including your normal, healthy tissues... **doing damage the healthy cells;** (the aging process).

<http://glowing-health.com/alkaline-water/ray-kurzweil-alkaline-water.html>

For years researchers have advised consuming more **alkaline foods**, (i.e. vegetables and some fruits with a **higher pH**), which is beneficial to our health. If you have an **acidic pH**, (i.e. lower pH) balance of the body, on the other hand, it is likely that you'll feel weak and susceptible to sickness.

What is the cause of Acidosis of the blood? **Essentially it comes as a result of the loss of electrons.** It can be prevented by an influx of negative electric ions which contain an abundant amount of electrons needed to improve the body's immunity and resistance to illnesses. Acidosis of the blood is the reason **negative electric ions products** are becoming a more regular part of the consumer's regimen toward better health.

Metabolism, which is the process of acquiring nutrients from the blood and excreting waste out of the body, is extremely important to the human cells. The more **Negatively Charged Electric Ions** there are in the blood, the more efficient the cell's metabolic processes.

On the contrary, the more **Positively Charged Ions**, (i.e. **free radicals**) there are in the blood, the slower and less efficient the cell's metabolism. This causes the body's cells to become weak and the body will tend to get sick more easily and age faster. It will cause the body's immune system to completely shut down.

The key then is to encourage the production of Negative Electric Ions and the **reduction of Positively Charged Ions.**

However, when Negative Electric Ions were permeated into the surface of the skin, its pores and sweat glands expanded, which demonstrates good metabolism of the cell membranes. This phenomenon is called Prototype Plasma Membranes of Dermal Reflectivity. European scientists also conducted research regarding the influence of ions to the human body.

They proposed the following hypothesis - **Negatively Charged Ions** are beneficial to the human body in four major ways; **1.** It helps to strengthen the functions of autonomic nerves, **2.** Reinforces collagen (tissues that are resilient and tension-related) **3.** Improves the permeability of the cell's prototype plasma membranes (improves metabolism), and **4.** Strengthens the body's immune system.

The human body is surrounded by ions; therefore, the function of electrons inside and outside the cells has significant influence on the human body. It makes the body strong if good ions are taken in. ...Large amounts of **Negative Electric Ions relieve illnesses.** **Negatively Charged Electric Ions** in our body are essential in sustaining and improving our health...

<http://www.orientaldetox.com/negative-ions.html>