



AlkaPlus: Bringing your Water back to life!

The Alkaline Lifestyle

In their uncontaminated and natural environment, our ancestors enjoyed alkaline food like vegetables and herbs, and alkaline ionized spring water from high mountain sources. The effect was longevity equal to or better than today, even with our amazing medical advances That is, unless they got in the way of a Hairy Mammoth!

Regularly consuming Alkaline ionized water may assist in ongoing detoxification including neutralizing and eliminating harmful acidic toxins (*believed by many scientists to be a precursor of cancer, diabetes, hypertension, atopic dermatitis and etc.*) in the body.

Energized alkaline water, like the spring and mountain stream water of our early days, is saturated with electrons, highly charged and full of potential energy in the form of negative Hydrogen ions. Alkaline ionized water is *negatively* charged because it is rich with electrons. Acidic water is *positively* charged and, thus, seeks to steal energy from within your body.

Modern habits of eating acidic food cause us to fatigue easily, because the body is constantly struggling to maintain pH 7.4 balance. Table 1 shows pH value.

pH 1	HCl, HNO3
pH 3~5	Cola, Tobacco, Meat, Polluted air
pH 6	R/O water
pH 7.4	Mineral water, Tap water
pH 8~9.5	Alkaline water
pH 14	NaOH

Table 1. pH value

The electron activity or 'energy potential' of water is measured by pH and O.R.P. (Oxidation Reduction Potential). ORP is the potential electrical energy needed to 'reduce' or slow down rust, rot, fermentation and decay in the body in the form of oxidation. The "R" in O.R.P. represents 'Reduction' of oxidation, or 'Donation' of negative ions with the capacity to attract the active oxygen ions in our body. To support health and immunity, our water should (Also known as Free radicals) Water from an AlkaPlus has an ORP of between **-150mV** and **-350mV**, (depending on the input water) providing more than sufficient negative ion activity to neutralize excess acids that could otherwise harm our body. The water we normally drink from our tap, on the other hand, measures about **+300mv**, meaning it robs us of energy!

Table 2 shows a comparison of the ORP value.

Source	O.R.P. (milliVolts)
R/O water	+200~ +300
Mineral water	+100~ +200
Tap water	+300~ +500
Body water	-150~ -350
AlkaPlus water	-50~ -400
Vegetables	+50~ -100

Table 2. ORP value comparison

Added Alkaline Minerals

Donated minerals are also an important factor in the performance of the **AlkaPlus**, including essentials such as K, Ca, Na, Mg. These minerals are vital in the human body for their role in controlling hydration at a cellular level – which in turn is an essential element of mental and physical function. Lack of:

- **Potassium(K)** *may cause vomiting, drowsiness, anxiety, convulsions and a heart attack in severe cases.*
- **Calcium (Ca)** *nail-breaking, eczema, a rise in blood cholesterol levels, hypertension, insomnia, muscle spasms, depression, rheumatic arthritis.*
- **Sodium (Na)** *deficiency symptoms easily appear to high blood pressure patients taking a diuretic, such as Abdominal cramps, loss of appetite, dizziness, dehydration, fatigue, headache, low blood pressure, memory loss.*
- **Magnesium (Mg)** *deficiency - muscle spasms, depression, insomnia, sensitivity, indigestion, arrhythmia, hypertension, heart disease, asthma, chronic fatigue.*

AlkaPlus AntiOxidant Mechanism:

How it works..

AlkaPlus, officially certified by U.S. FDA and KFDA, is classified as a 'medical substance generator' in South Korea. **AlkaPlus** water elutes abundant minerals like Ca, and Mg and Na plus its famous anti-oxidant effect.

The antioxidant mechanism is shown in Fig.1. Generated active hydrogen (H-) through **AlkaPlus** ceramic filter media has sufficient antioxidant capacity to neutralise free radicals (active oxygen).

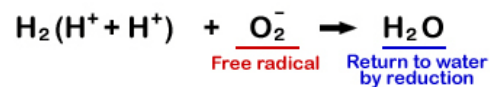
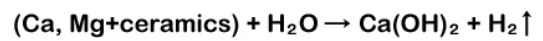


Fig.1. Reduction mechanism and Removal Principle of Free Radical

Antioxidant neutralization by the **AlkaPlus** is very similar to the principle of Vitamin C, which removes free radicals by association with the generated active hydrogen [-OH]



Fig. 2. Structure of Vitamin C

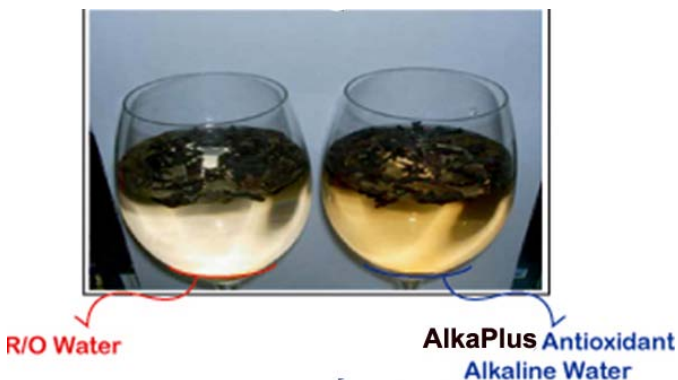
AlkaPlus Experimental Data

In most tap and bottled water, water molecules tend to cluster together in groups of 12 to 20. Large clusters like these find it more difficult to permeate cell membranes and so cannot hydrate cells from the inside. The smaller the size of the cluster of molecules, the better able your water is to hydrate your cells and the more oxygen it can provide. **AlkaPlus** water has no more than 5 to 6 molecules clustered together. Fig.3 shows an actual NMR test of **AlkaPlus** water showing much smaller water cluster than tap water. Table 3 shows the features of **AlkaPlus** anti-oxidant alkaline water.

AlkaPlus Solubility Test :

~ Using green tea leaves

AlkaPlus water has a smaller water molecular structure and therefore the activity of water molecules increases. With the same amount of green tea leaves in each sample, **AlkaPlus** water absorbed tea more quickly than tap water or R/O water - even in cold water.



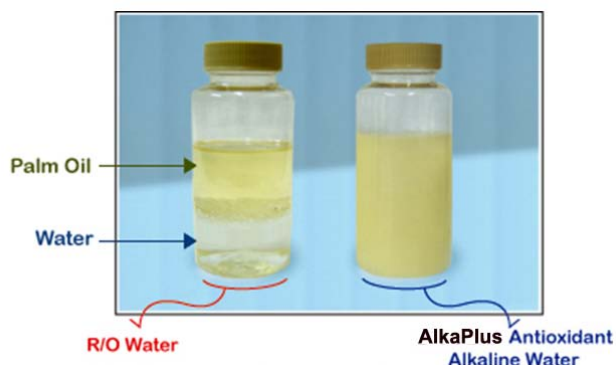
The patented **AlkaPlus** cartridge media has multiple functions.

1. NMR decrease – Water cluster small.
2. pH increase – Alkaline
3. ORP decrease – Antioxidant, reduction, Redox
4. Beneficial Minerals increase – Ca, K, Na, Mg

AlkaPlus Hydration Test :

(Blend test with palm oil)

Unlike tap water or R/O water, when **AlkaPlus** water was blended with palm oil, the small water molecular clusters caused diminished attraction between water molecules. **AlkaPlus** reacts with acidic oil faster and more completely than ordinary water, breaking the oil down.



AlkaPlus antioxidant alkaline antioxidant negative ion micro-clustered water is created by the simple action of passing it through the cartridge; no electricity, no magnets, no special action on your part, yet its effect is profound.

Simplicity, functionality, economy.

Superb water just got a lot easier.

Click [here](#) to download Installation instructions

Click [here](#) to order your AlkaPlus

Click [here](#) to contact Alkaway.

AlkaPlus Antioxidant Test :

If iron meets water, iron oxide (rust) forms by the oxidizing effect of acidic water molecules. We say that iron has rusted or the iron is oxidized.

AlkaPlus water prevents the oxidation of iron with its excellent antioxidant effect.