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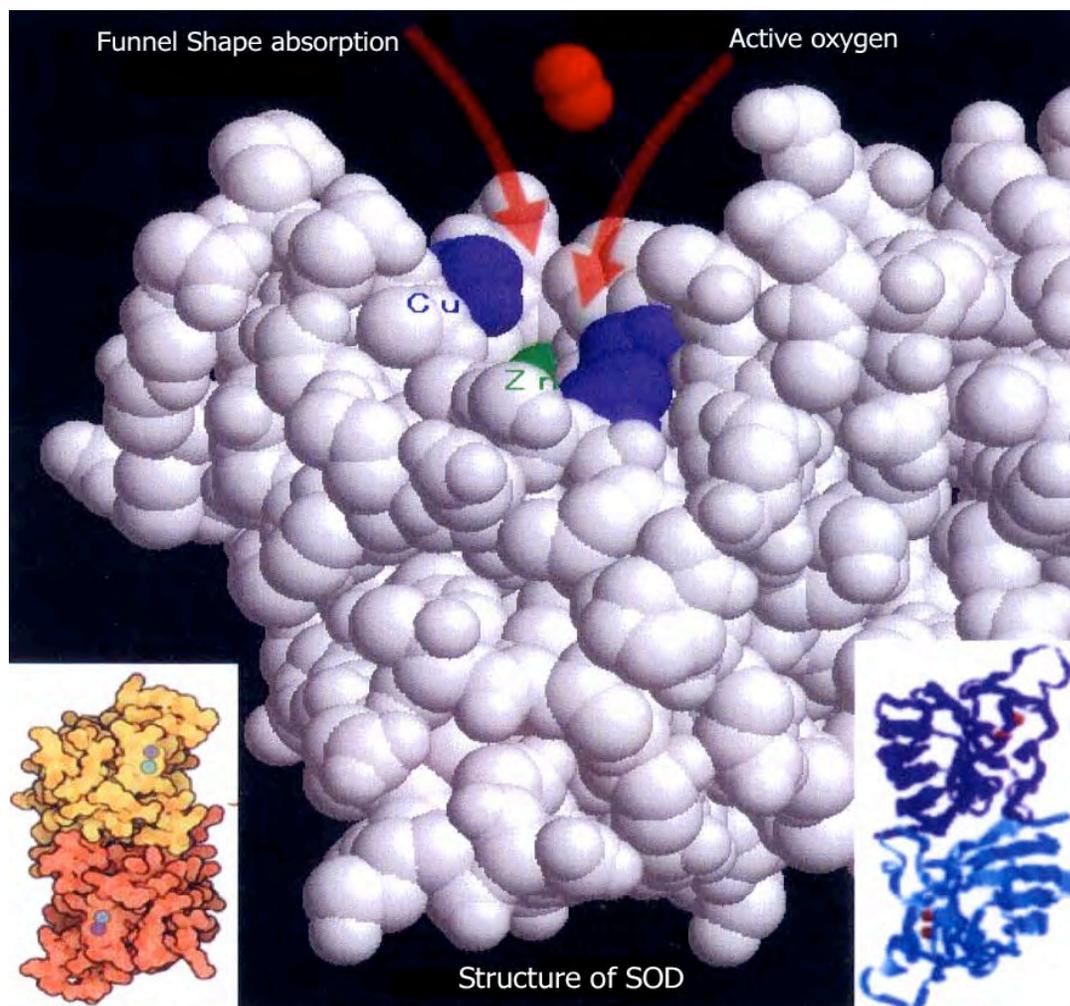
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Ordinary Water is difficult to absorb because the molecule structure is bigger than the cell membrane

Our Water molecule structure is reorganized and can be easily and rapidly absorbed

The effect of Our water

Since our company has done researched on the effect of various types of water purifiers such as our company's own products or other products on the market; concerning the growth of animals and plants. New information over recent years is given in this paper. Ten different experiment are conducted. In experiment I, Zn (zinc) Concentration in rat serum shows that alkali water has lower numerical value than tap water in the test, while Our water has scored the highest. The test has indicated that Zn has strong coloration in inhibiting the health recovery. As Zn (zinc) is important heavy metal which operate in active oxygen coupling with Cu(copper) ion around SOD activation, the test has shown that Zn ion Concentration in blood has strong correlation with life longevity.



The cases without any effect are; the calcium remaining rate test in experiment I and the diabetes in I. In I, when the guinea Ourg consume Our water, calcium remaining rate in the body improved well but alkaline water did not show any improvement. In I, while Our water consumption causes a -33% decrease in cholesterol and -39% decrease on saturated fat;

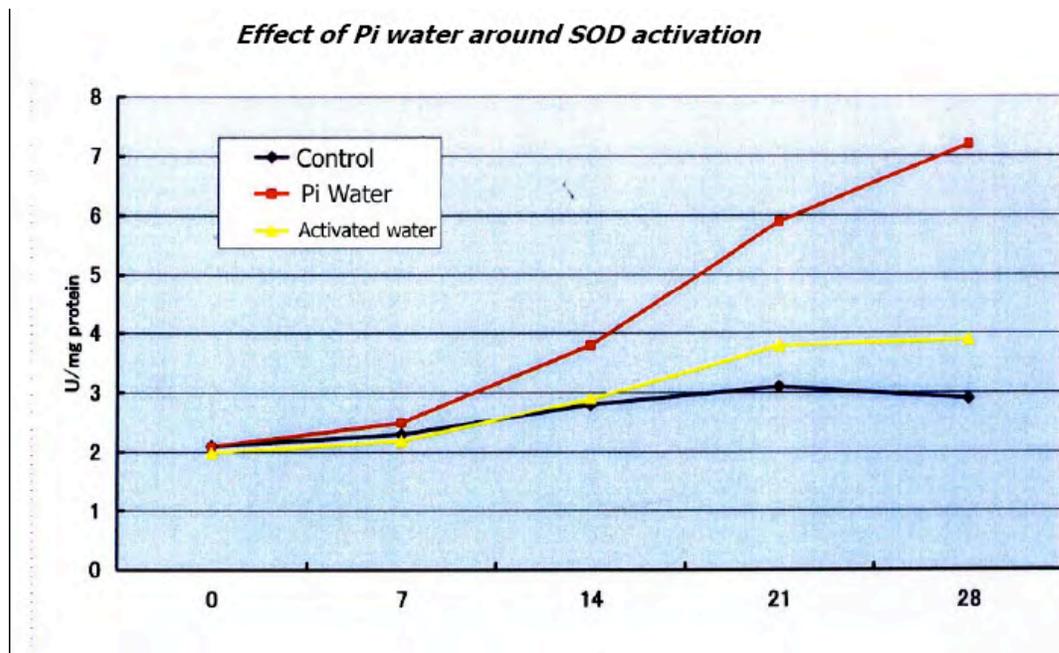
The result has shown that Our water can improve diabetes symptoms but alkali water has the same effect as tap water, as there has not been any physical evidence suggesting otherwise. The results indicate that by consuming Our water, this could lead to an improvement of diabetes, as it increases specific buffer action(detoxification effect) toward STZ.

Concerning other 7 tests, the result of alkali water is situated between the control sample and Our water sample, while we can get very slight or little effect, in other words, it is difficult to confirm that alkali water is healthy for human body. In any case, the result of alkaline water tamed in comparison with Our water, and it cannot justify that it is best for the customerhealth.

Experiment I: SOD activation in the liver

Study of SOD activation in the liver, using 6 weeks rat (10 rats per sample) though consumption of water during 1-4 weeks

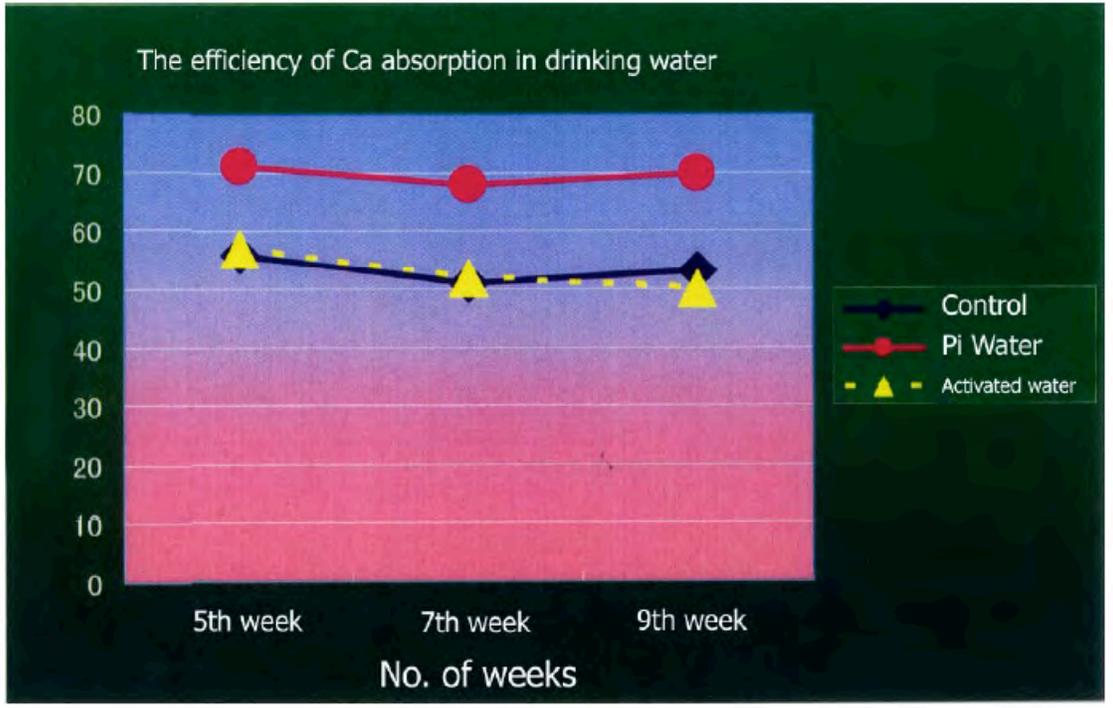
Control sample □ Distilled water=100% Alkaline water=+25% Our water=+150%



Experiment II : Calcium Remaining Rate

Water sample is consumed for 62 days using 70 g rat (5 rats per sample) Remaining amount deducting Ca (calcium) excretion volume in feces

Control sample tap water=53 % Alkaline water=53 % Our water=70%

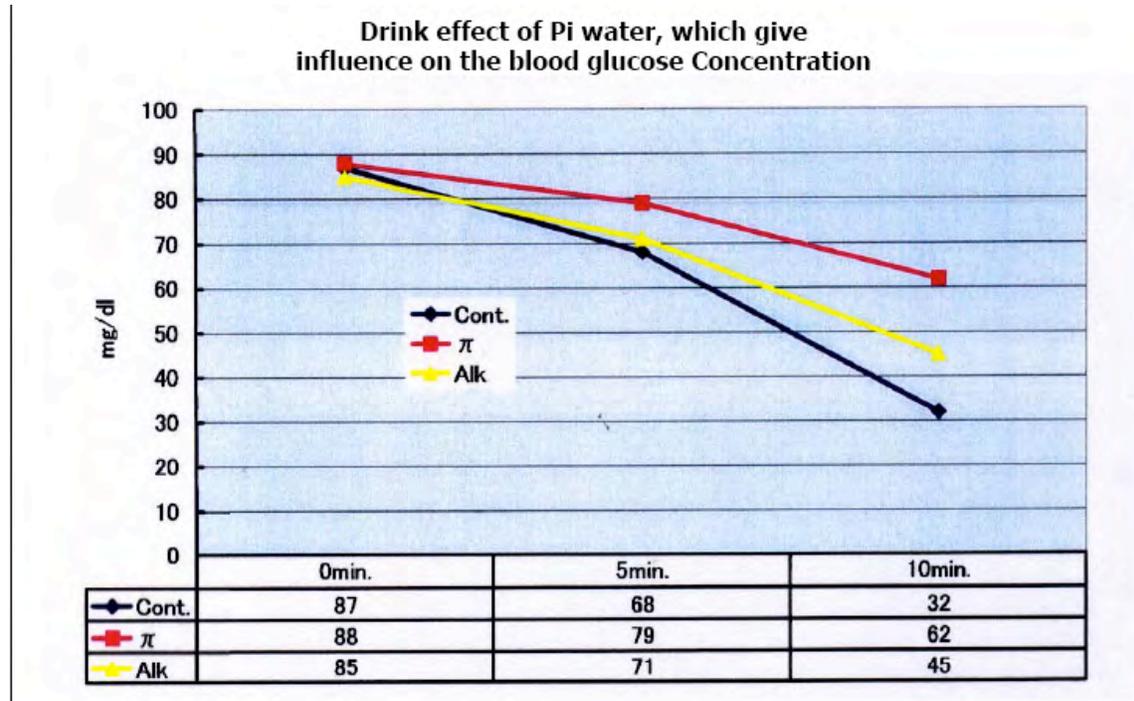


Experiment 1: Forced Swimming Stress

Blood sugar concentration during 5-10 minutes forced swimming, using adult rat (5 rats per sample)

5 minutes; Control sample tap water=-22% reduce water=-18% Our water=-9%

10 minutes; Control sample tap water=-63% reduce water=-48% Our water=-28%



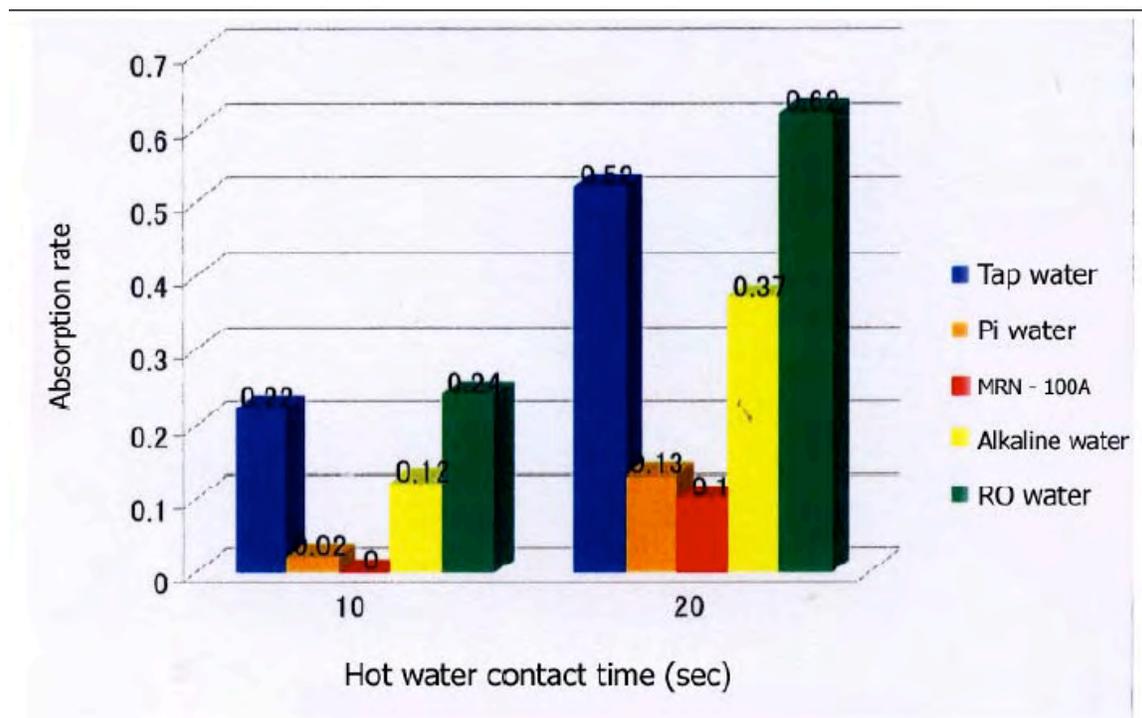
Experiment 1: Level 2 burning by Hot water and active oxygen concentration

Water samples is consume for 1 week, using adult rat Smear 1cm of the rat's back with 60 °C hot water measure amount of blood's active oxygen concentration

10 seconds; Control tap water=0.22 RO=0.24 Alkaline water=0.12 Our water=0.02 MRN=0.00

20 seconds; Control tap water=0.52 RO=0.62 Alkaline water=0.37 Our water=0.13 MRN=0.10

Active oxygen in RO water increased more than those in tap water but decreased in alkaline water and it showed few effect. However we can see dramatic decrease in Our water or in MRN, while we can expect harmless feature. Form now on we will prepare data or photo documents concerning recovery like care speed or hair rebirth after scald.



Experiment 1 : Blood Corpuscle numbers

6 weeks rat → free intake of water during 2 weeks → blood collecting

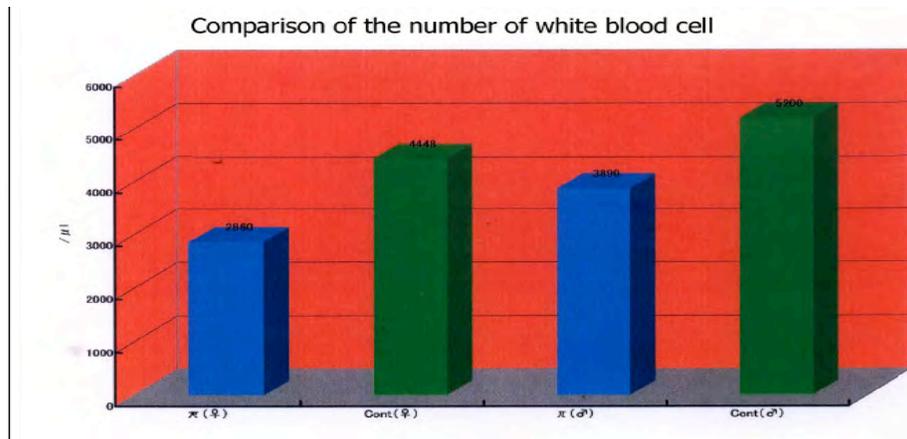
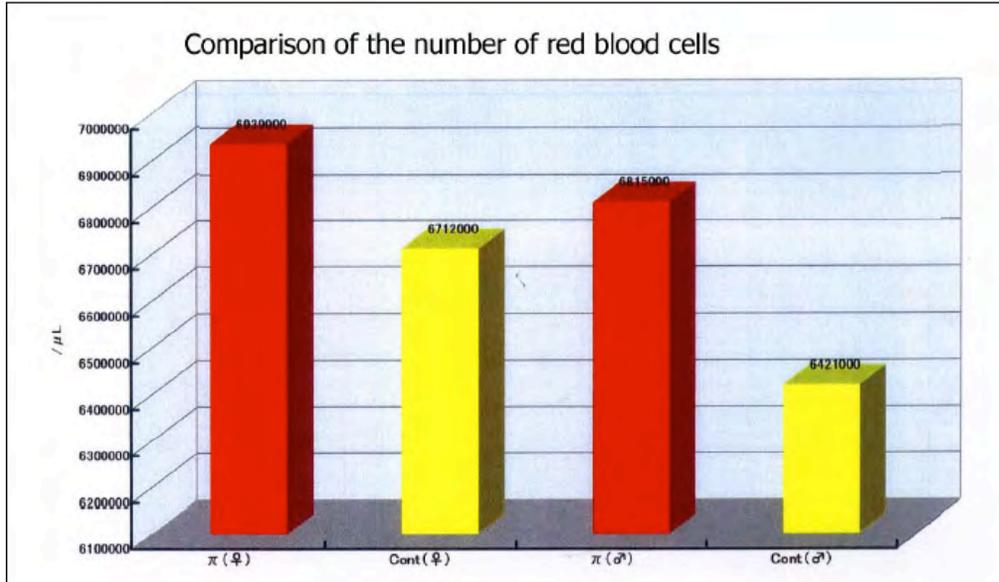
RBC ♀ ; Control → tap water=671, Our water=694 +3.4%

♂ ; Control → tap water=642, Our water=682 +6.2%

WBC ♀ ; Control → tap water=445, Our water=286 -35.7%

♂ ; Control → tap water=520, Our water=389 -25.2%

The increments of red blood cells indicate improve growth or fatigue recovery while the decrement of while blood cells indicate stress reduction through normalization of environment inside human body.

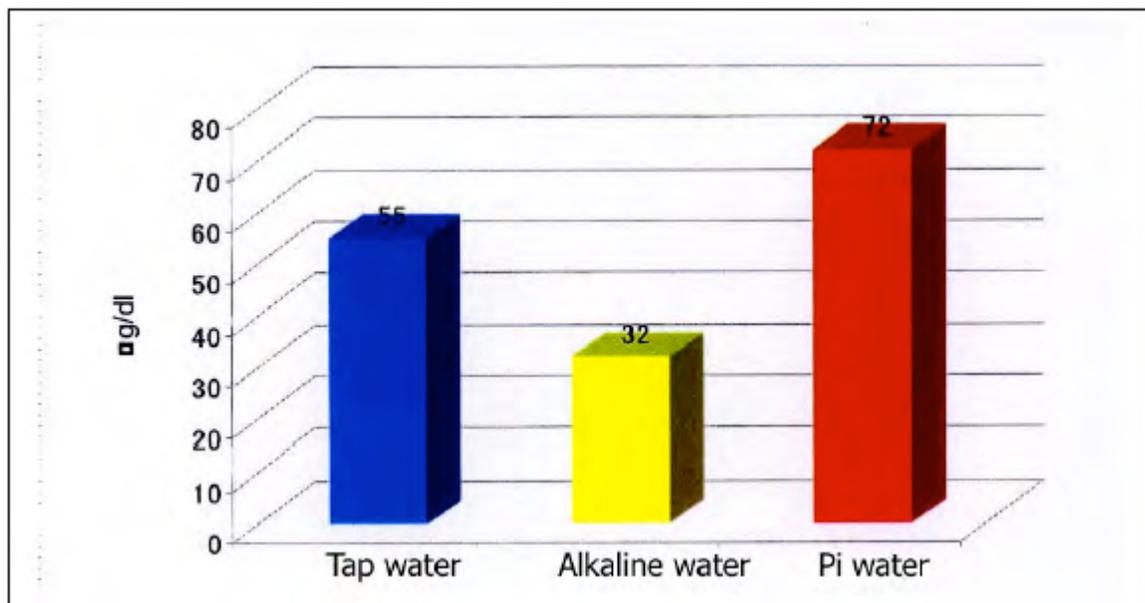


Experiment 1 : Zinc (Zn)

Adult rat 1 Water sample is consumed for 1 week 1 measure Zn Concentration in blood

Contrast 1 tap water=55, Alkaline water=32(-42%), MRN=72(+31%)

It is very interesting to remark that there are possible radical deterioration of SOD activation owing long-term intake of alkaline water.



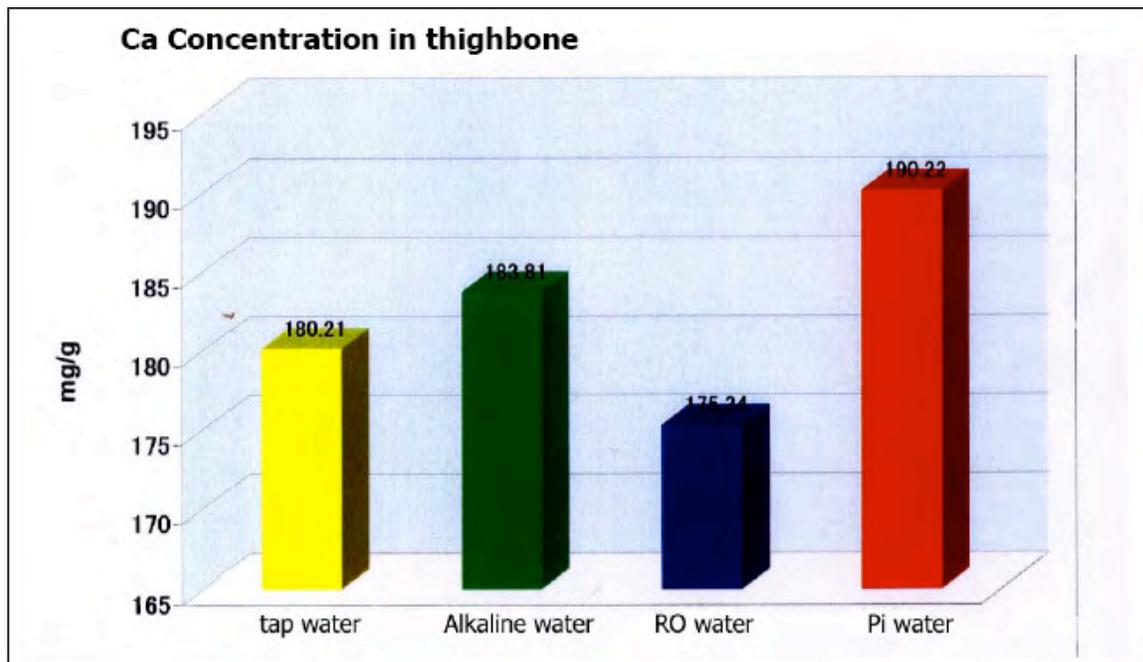
Experiment 1: Calcium in bone

4 weeks rat → low Ca food → normal Ca food 3 weeks → extract of right thighbone

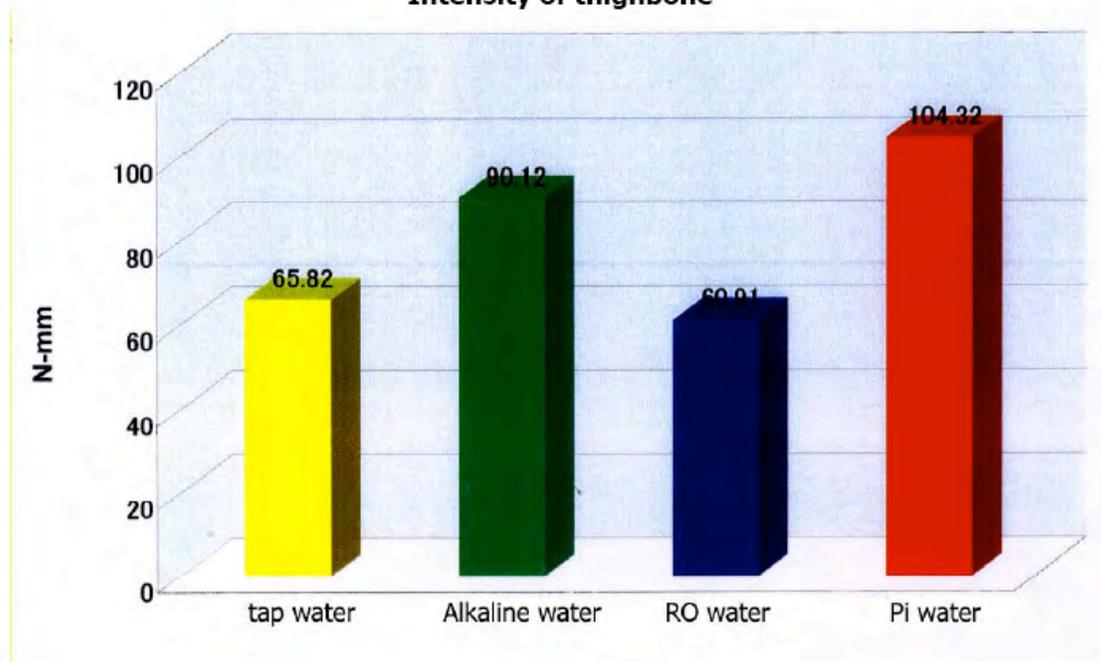
Ca Concentration: Control → tap water=180, Alkaline water=184(+2.2%), Our water=190(+6.0%)

Intensity: Control → tap water=66, Alkaline water=90(+36%), Our water=104(+58%)

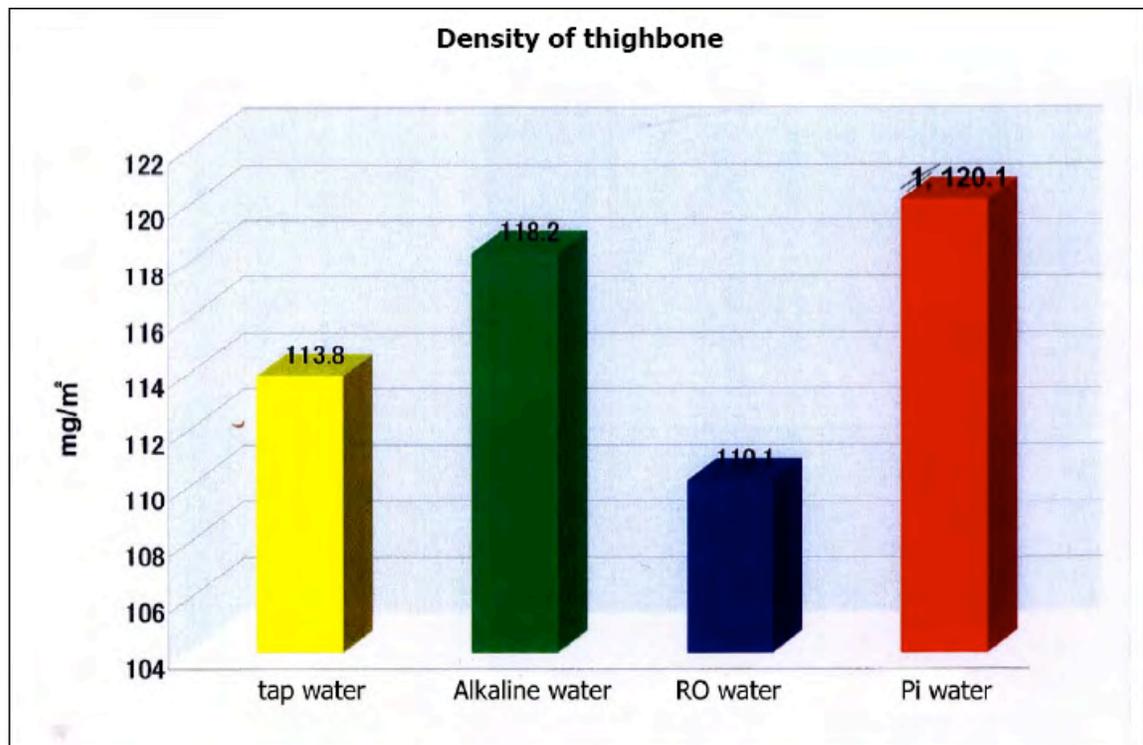
Density : Control → tap water=114, Alkaline water=118(+3.5%), Our water=120(+5.3%)



Intensity of thighbone



Density of thighbone



Experiment 1: Flora bacterial in intestines

4 weeks rat water sample consumes extract of appendix bacterial flora culture

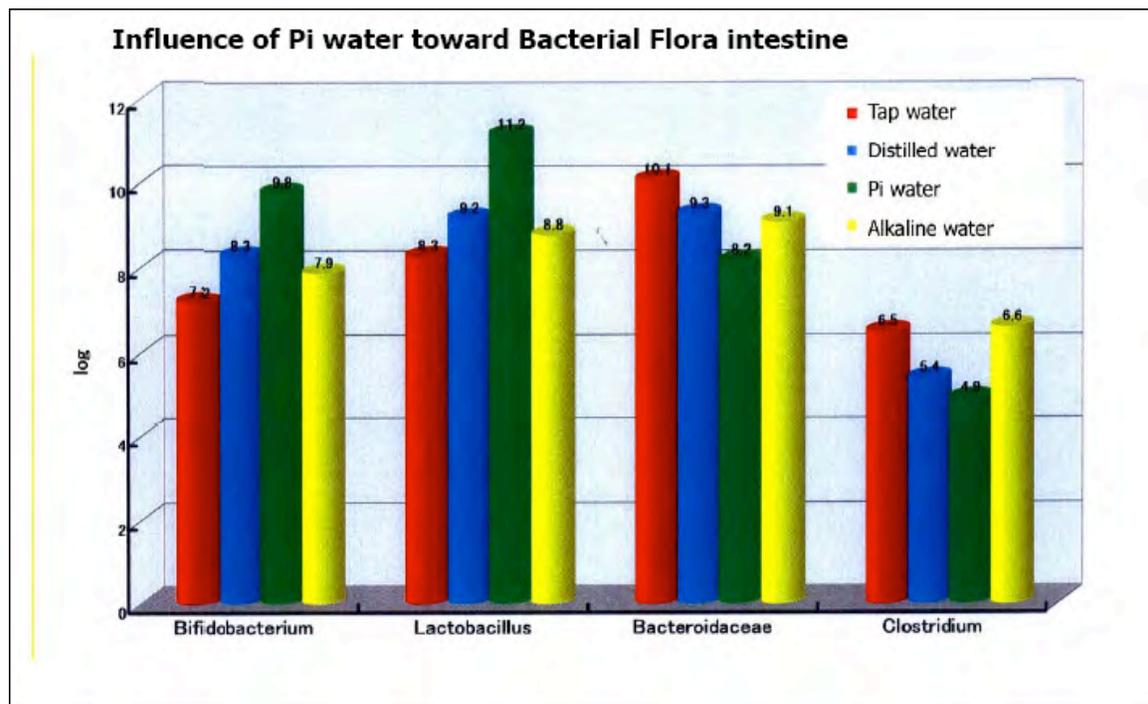
Good bacillus; bifidobacterium numbers; Our water(98) distilled water(83) Alkaline water(79) tap water(72)

Lactobacillus numbers; Our water(112) distilled water(92) Alkaline water(88) tap water(83)

Bad bacillus; bacteroidaceae; tap water(10.1) distilled water(9.3) Alkaline water(9.1) Our water(8.2)

Clostridium; Alkaline water(6.6) tap water(6.5) distilled water(5.4) Our water(4.9)

The result of the experiment suggested that change of Bacterial flora due to Our water drinking, could cause normalization of environment in intestines and improve the efficiency of its function. The test results showed promising positive effects, for instance, improvement of nutrition absorption, stress reduction or odor reduction...



Experiment 1: Diabetes

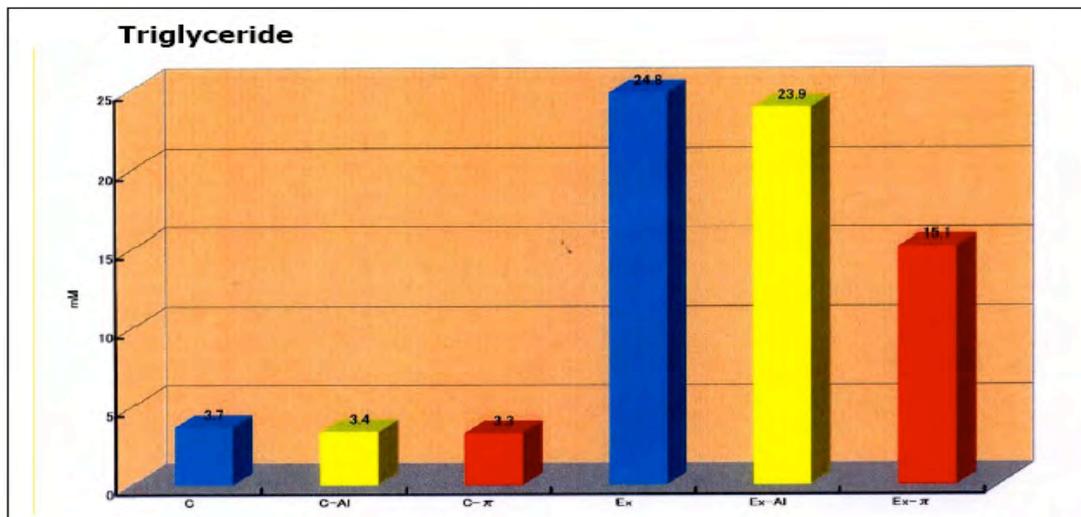
1 rat 1 diabetes induction through STZ injection 2 weeks raising 1 serum analysis

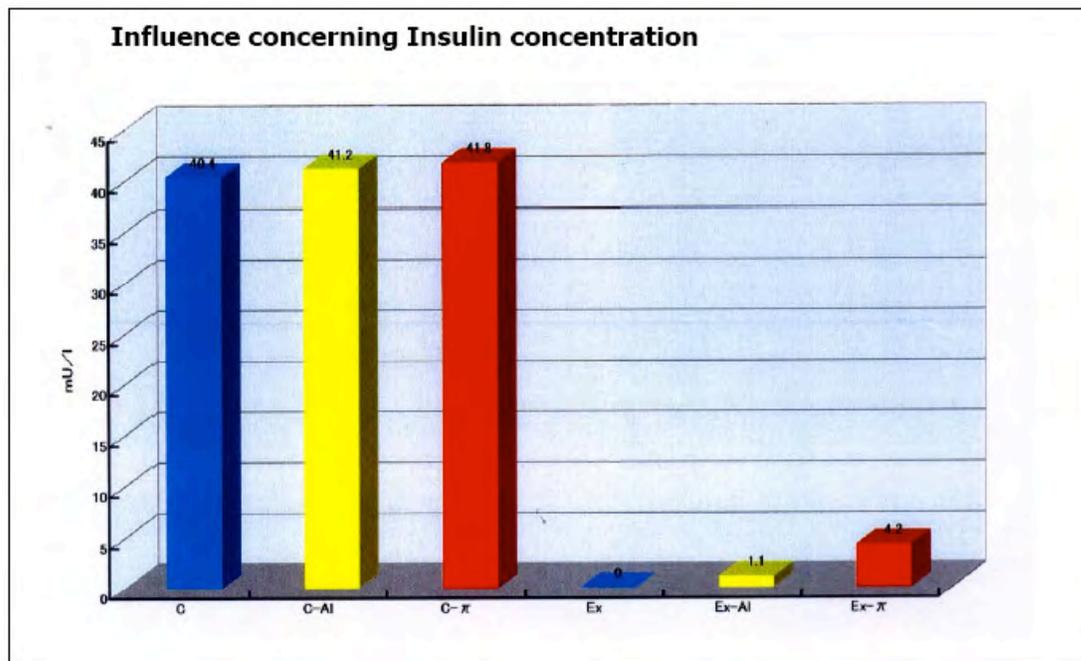
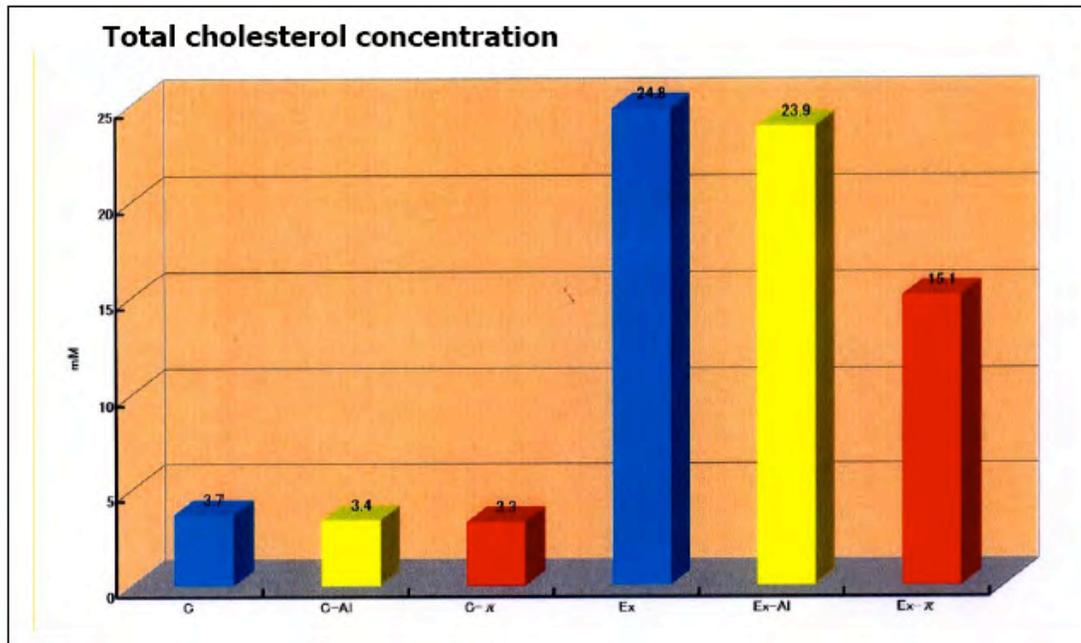
Neutral fat; Control 1 tap water=24.8 1 Alkaline water=23.9(-3.6%) 1 Our water=15.1(-39.1%)

Total cholesterol; Control 1 tap water=6.1 1 Alkaline water=6.0(-1.6%) 1 Our water=4.1(-32.8%)

Insulin; Control 1 tap water=0.0(incidence), Alkaline water (2.3% incidence) 1 Our water=4.2(10.2% normal)

The results suggested that Our water can inhibit the improvement of diabetes conditions, but there are no sign of improvement from consumption of Alkaline water or tap water.





Experiment 1: Oxidation of skin

6 weeks □ nude rat(5 rat in 1 group) □ 10 minutes/day x 4 weeks UV irradiation □ measuring Active oxygen concentration

Back TBARS concentration; control sample=1.15±0.5ml mist spray=0.93±non-irradiation=0.76

Belly TBARS concentration; control sample=1.08±0.5ml mist spray=0.91±non-irradiation=0.89

Mist spray is applied just before the UV irradiation, the results shown reduction in TBARS Concentration, suggesting a sun-burn protection effects. The improvement concerning continuing time of UV intensity or effect after spray is expected; also improvement effect throughsprayaftertheirradiation.

