Date: January 10, 2004
Study: Case Study administering Kre-Alkalyn® US Patent 6,399,661 to 4 Healthy active adults

Purpose of Study: To measure body pH, Energy Levels, Endurance Levels, & Physical Well being in test subjects.

Procedures: Two subjects were administered 750 mg daily and two subjects were administered 1500 mg daily for 30 days. Kre-Alkalyn administration was taken first thing in the A.M. upon awaking.

pH, Energy, Endurance & Physical levels were measured 3 times daily. The first in the A.M. before Kre-Alkalyn administration, the second mid day, and the 3rd in the evening. The following chart was used for measurements.

<table>
<thead>
<tr>
<th>Energy</th>
<th>Endurance</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Very energetic</td>
<td>1-Very</td>
<td>1- Feel Great</td>
</tr>
<tr>
<td>2- Fairly</td>
<td>2-Good</td>
<td>2-Good</td>
</tr>
<tr>
<td>3-So So</td>
<td>3-So So</td>
<td>3-So So</td>
</tr>
<tr>
<td>4-A bit sluggish</td>
<td>4-Not so good</td>
<td>4-Not so good</td>
</tr>
<tr>
<td>5-No energy</td>
<td>5-Bad</td>
<td>5-Bad</td>
</tr>
</tbody>
</table>

pH was measured by uranalyses.

The subjects were asked to not change their diet or workout schedules. All 4 subjects were male from ages 25-44.
Definition:

ENERGY
1). A: dynamic quality (narrative energy) B: the capacity of acting or being active (intellectual energy) C: a usually positive spiritual force (the energy flowing through all people)
2). Vigorous exertion of power: EFFORT (investing time and energy)
3). A fundamental entity of nature that is transferred between parts of a system in the production of physical change within the system and usually regarded as the capacity for doing work
4), usable power (as heat or electricity); also : the resources for producing such power

ENDURANCE
1). Permanence, duration
2). The ability to withstand hardship or adversity; especially : the ability to sustain a prolonged stressful effort or activity (a marathon runner’s endurance)
3). The act or an instance of enduring or suffering
4). Capacity to endure pain or hardship, fortitude, stamina

PHYSICAL
1). A emotional state or action
2). The overall quality of ones awareness and well being
3). Strength and power
Results:

Subject 1:

**Energy**
Before study: 3.00 (So-So)
During study: 1.17 (Average) Very Energetic

**Endurance**
Before study: 3.00 (So-So)
During study: 1.56 (Average) Very

**Physical**
Before study: 2.00 (Good)
During study: 1.33 (Average) Feel Great

Subject 2:

**Energy**
Before study: 3.00 (So-So)
During study: 1.26 (Average) Very Energetic

**Endurance**
Before study: 3.00 (So-So)
During study: 1.30 (Average) Very

**Physical**
Before study: 3.00 (Good)
During study: 1.33 (Average) Feel Great

Subject 3:

**Energy**
Before study: 4.00 (A bit sluggish)
During study: 1.64 (Average) Very Energetic

**Endurance**
Before study: 4.00 (Not so good)
During study: 1.57 (Average) Very

**Physical**
Before study: 4.00 (Not so good)
During study: 1.76 (Average) Feel Great

Subject 4:

**Energy**
Before study: 5.00 (No energy)
During study: 3.76 (Average) So-So

**Endurance**
Before study: 5.00 (Bad)
During study: 3.03 (Average) So-So

**Physical**
Before study: 4.00 (Not so good)
During study: 3.06 (Average) So-So
% Increases:

Subject 1:  
Energy: 156.4%  
Endurance: 92.3%  
Physical: 50.3%

Subject 2:  
Energy: 138.9%  
Endurance: 130.7%  
Physical: 125.5%

Subject 3:  
Energy: 143.9%  
Endurance: 154.7%  
Physical: 127.2%

Subject 4:  
Energy: 32.9%  
Endurance: 65.1%  
Physical: 30.7%

Average for study % Increases:

Energy: 118.0%  
Endurance: 110.7%  
Physical: 83.4%

Conclusion:  
Kre-Alkalyn increased Energy levels by 118%, Endurance & Stamina by 110.7% and physical well being 83.4%.