Kre-Alkalyn Toxicity Study in Humans

Date of Release: March 3rd, 2008
Study Completion Date: December 9, 2006

Study: Kre-Alkalyn Toxicity Study

By: Dr. Aferinos Affouras (sports doctor, CSKA senior soccer team), Dr. Katia Vodenicharova, M.D. (therapist, nephrologist), Dr. Dobriana Shishmanova (PhD cardiologist), Dr. Krassimir Goranov M.D., Dr. Karmen Stroychev M.D.

Test Performed at: Dr. I.S. Greenberg Medical Center, Sofia, Bulgaria

Purpose of Study: To determine if Kre-Alkalyn is safe for humans

Procedures: 12 healthy male athletes were administered Kre-Alkalyn orally using a capsule delivery for a period of 4 months.

Test were first run on each athlete before taking Kre-Alkalyn to determine a baseline. Subjects started with four 750 mg capsules of Kre-Alkalyn per day and increased over 4 months to eight 750 mg capsules per day. Purity of the Kre-Alkalyn capsules was validated by an independent laboratory.

Subjects were tested and examined once per month for the duration of the study.

What was monitored:

1). Full blood serum panel screens which included WBC, RBC Hgb, Hct, MCV, MCH, MCHC, PLT, ESR, Full biochemistry screen, Full hormonal screen
2). Full urine panel screens which included pH, specific gravity, Urobilmogen, Bilirubin, Proteins, Urine Sugar, Acetone in Urine, Micro albumin, Creatinine, Sediment
3). Physical Examination performed by a physician specializing in internal disease and sports medicine. Including a full Echocardiography, Full Ergometry
4). Physical Examination performed by a Traumatologist
5). ECG
6). Functional testing by a medical doctor which included EKG, Height, Weight, Body fat by % and weight
**Results:**

All Blood levels were normal and within safe levels
All Urine levels were normal and within safe levels

Physical Exam:

| Auscultation of heart and lungs: | Normal |
| Blood Pressure: | Normal |
| Palpation  |
| Abdomen | Soft, no pain |
| Liver | Unexaggerated |
| Spleen | Unexaggerated |
| Kidneys | Succession of kidney bilateral was normal |

**Physical Examination performed by a physician specializing in internal disease and sports medicine conclusion was all subjects were clinically healthy.**

**Physical Examination performed by a Traumatologist conclusion was all subjects were clinically healthy.**

| ECG | Normal |
| EKG | Normal |

**Medical Doctors conclusions were all subjects were clinically healthy and can engage in sports**

**Conclusions:**

Kre-Alkalyn was shown to be non toxic to healthy male human athletes and considered safe