

## *Kre-Alkalyn Toxicity Study in Humans*

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***Study:*** Kre-Alkalyn Toxicity Study

***By:*** Dr. Afgerinos 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 use in humans

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

Initial tests were performed on each athlete before taking Kre-Alkalyn to establish baseline averages. Subjects started with four 750 mg capsules (3 grams) of Kre-Alkalyn per day and then increased over 4 months to eight 750 mg capsules (6 grams) 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 & Results:***

- 1) Full blood serum panel screens which included WBC, RBC Hgb, Hct, MCV, MCH, MCHC, PLT, ESR, Full biochemistry screen, Full hormonal screen

#### **Conclusion:**

Blood levels were normal and within safe levels

- 2) Full urine panel screens which included pH, specific gravity, Urobilmogen, Bilirubin, Proteins, Urine Sugar, Acetone in Urine, Micro albumin, Creatinine, Sediment

#### **Conclusion:**

Urine levels were normal and within safe levels

3) Physical Examination performed by a physician specializing in internal disease and sports medicine. Including a full Echocardiography, Full Ergometry

**Conclusion:**

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

4) Physical Examination performed by a Traumatologist

**Conclusion:**

All subjects appear clinically healthy.

5) ECG/EKG

**Conclusion:**

ECG	Normal
EKG	Normal

6) Functional testing by a medical doctor which included EKG, Height, Weight, Body fat by percentage and weight

**Conclusion:**

All subjects appear clinically healthy and can engage in sports.

***Final Analysis:***

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