



Abstract

Lily of the Desert Whole Leaf and Fillet Aloe Vera Juice Significantly Enhances Immune Function, Increases Antioxidant Ability and Decreases Toxins in Healthy Subjects.

The polysaccharides in aloe vera have molecular weights over 2 million Daltons. Molecular weights of 200,000 Daltons enhance immune function. Lily of the Desert Aloe Vera Juice enhanced with 60 milligrams of Aloesorb™ contains 62% of the polysaccharides with a molecular weight above 200,000 Daltons as measured by High Pressure Liquid Chromatography. The effects of Lily of the Desert Whole Leaf Aloe Juice enhanced with Aloesorb™ on immune function in 75 healthy human subjects was measured in a 30 day, double blind, placebo controlled study design. White blood cell counts, oxidation/reduction potential (ORP) and nitrate levels were compared in 50 subjects consuming whole leaf aloe to 25 subjects receiving placebo. Blood, urine and saliva was collected at baseline, 2 and 4 weeks after daily consumption of 2 ounces of placebo or whole leaf aloe vera juice enhanced with Aloesorb™. Whole leaf aloe juice increased white blood cell counts 12% above baseline in individuals treated with whole leaf aloe juice and there was no change in the control group. The ORP values are a measurement of oxidative stress and were improved 40% when compared to control subjects. Nitrate levels are a measure of toxin accumulation and were decreased 11% when compared to control subjects. The results indicate that Lily of the Desert whole leaf aloe juice enhanced with Aloesorb™ significantly improves immune system function, oxidative stress levels and detoxification in healthy subjects.