

# ALOE VERA CAPS

Supports Overall Health<sup>◇</sup>



**How do Aloe Vera Caps provide nutritional support?** Supporting healthy digestion, immune function, urinary tract health, and overall energy, Aloe vera barbadensis (Miller), most well known simply as Aloe vera, is a subtropical plant with a rich and long history of use by humans in support of health. Ability of the fresh gel to support healing of skin wounds and burns have been known since antiquity, and verified by modern scientific research. The plant contains compounds known as anthroquinones, which have potent laxative effects, but these are largely removed by modern processing methods when aloe is prepared for dietary use. The clear gel contained within the aloe leaf contains insoluble fiber (cellulose), soluble fiber (pectin), small molecules such as calcium malate, and large complex polysaccharides consisting of long chains of sugars known as acetylated mannans. The scientific term for these high molecular weight acetylated polymannose molecules is acemannan. Modern research has focused on these high molecular weight complex acetylated mannan polymers (polysaccharides) as the fraction of the gel with which many of the health supporting attributes of Aloe vera are associated.

## Immune Supporting

Important cells of the immune system, known as monocytes, have membrane receptors that bind mannose sugar residues, particularly when more than one mannose molecule are linked together in what is known as a b-(1,4) linkage. Binding of these so called beta-1,4 mannans powerfully activates the monocyte, which in turn secretes many peptide messengers, called cytokines, that orchestrate an organized activation of the immune response. For this reason, Aloe vera, both as the fresh gel, and in appropriately processed and stabilized extracts, has been shown to support healthy immune function.<sup>◇</sup>

## Aloe Vera in Convenient, Easy-to-Use Capsules

Aloe Vera Caps combine the unparalleled synergies of Aloe vera with the amino acids L-Glutamine and L-Glycine in a convenient capsule form. L-Glutamine (Glutamine) is involved in more metabolic processes than any other amino acid (building block of protein) and is also the most abundant amino acid in the body. It serves as the primary fuel source for the cells that line the entire intestinal tract and is essential for their health. If deprived of glutamine, these cells will deteriorate and die. Glutamine is also essential to the survival

and function of lymphocytes and monocytes (white blood cells that are central to maintaining a healthy immune function). In order to grow lymphocytes in laboratory tissue culture for scientific research studies, L-glutamine must be added to the culture medium to sustain the lymphocyte cells. Since over half of the lymphatic tissue of the body is found in specialized areas of the intestinal tract known as the gut associated lymphoid tissue (GALT), by supporting a healthy intestinal tract and including plenty of L-Glutamine in your diet, you are also helping maintain and promote a healthy immune system, which is essential to overall good health.<sup>◇</sup>

L-Glycine is the smallest and simplest of the amino acids. It, along with L-glutamine is one of the few amino acids directly used by the human brain as a neurotransmitter (a substance that transmits signals from one brain cell-neuron-

to another). Recent research has also shown that L-glycine shares many of L-glutamine's activities in terms of supporting healthy intestinal and immune function.◇

L-glutamine, L-glycine, and the

high molecular weight acetylated mannans concentrated from Aloe vera gel, form a powerful synergy (that is, they multiply each other's effects) for the maintenance and health of the intestinal tract and immune system.

<b>Supplement Facts</b>		
Serving Size	1 Capsule	
Servings Per Container	60	
Amount Per Serving	% Daily Value	
Calcium (Total)	54 mg	5%
Proprietary AminoAce™ Complex	605 mg	*
Freeze Dried Aloe Vera Gel		*
L-Glutamine		*
L-Glycine		*

\*Daily Value not established.

INGREDIENTS: Proprietary AminoAce™ complex (L-Glycine, L-Glutamine, and Freeze Dried Aloe Vera Gel), Hydroxypropyl Methylcellulose (Capsule Shell), Dairy Calcium, Calcium Carbonate, and Magnesium Stearate.

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**DIRECTIONS:** One capsule twice a day. More can be taken as desired.

Store and keep out of reach of children. As with all supplements, please consult your physician prior to taking if you are pregnant or attempting to become pregnant, breast-feeding, under a doctor's care or taking prescription medication.

Allergy Information: This product contains Milk Calcium, and is processed in the same facility that processes products containing fish/shellfish, soy and dairy.

This product was not tested on animals.

◇These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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