

# CAT'S CLAW DEFENSE COMPLEX

*Supports the Immune System*

Our bodies are under constant challenge in today's society from a wide variety of external stressors. An effective immune-supporting formula must offer broad-range support to multiple, inter-related systems. CAT'S CLAW DEFENSE COMPLEX is designed to support your immune system by addressing cell-mediated immunity, humoral immunity, herbiotics, the liver, and antioxidant defense.



	Antioxidant Defense	Liver	Herbiotics	Cell-Mediated Immunity	Humoral Immunity
ACTION	Because the <b>immune system generates free radicals while doing its job, antioxidants are critical.</b> Vitamin C is concentrated in white blood cells at a much higher level than in surrounding fluids. Milk thistle and turmeric have an affinity for the liver. Green tea contains epigallocatechin. Grape seed extract contains proanthocyanidins that scavenge reactive oxygen species and have an affinity for the vascular system.	The liver can be a very stressed organ in our modern technological world. Recreational drugs and alcohol, as well as pharmaceutical drugs and environmental pollution, contribute to the toxic load placed on this vital organ. This heavy chemical burden may make the liver more vulnerable to other outside influences. Protecting and <b>supporting the liver is essential to maintaining a healthy immune system.</b>	Botanists tell us that many of the <b>compounds in herbs are generated as mechanisms of self protection against outside influences.</b> These compounds are protective to us as well.	Cell-mediated immunity involves the functions of various white blood cells, such as T-lymphocytes and macrophages. T-cells are formed in the thymus gland and migrate to different sites in the body, such as the tonsils, the spleen and the lymph nodes. <b>T-helper cells release chemicals such as hydrogen peroxide as part of the body's defense mechanism.</b> The primary action of macrophages is termed phagocytosis, which literally means to "eat cells."	The humoral branch of the immune system involves the formation of specific antibodies. This response is triggered by the presence of foreign substances in the blood. A foreign protein activates B-lymphocytes, which multiply and form plasma cells. These <b>plasma cells produce antibodies tailored to the exact protein that stimulated the immune response.</b>
CONTENT	N-Acetyl Cysteine, Grape Seed, Green Tea, Quercetin, Silymarin, Turmeric, Vitamin C	N-Acetyl Cysteine, Maitake Mycelia Biomass, Reishi Mycelia Biomass, Schizandra, Shiitake Mycelia Biomass, Silymarin, Turmeric	Aloe Vera, Cat's Claw, Pau d'Arco, Schizandra	Astragalus, Cat's Claw, Reishi, Schizandra, Shiitake, Siberian Ginseng, Magnesium, Zinc, Vitamins A & C	Astragalus, Magnesium, Zinc, Vitamin A

