



Rx Only

***Theramine*™ for the Management of Pain Syndromes**

***Theramine*™** is a Medical Food formulated by practicing physicians to be used for the management and relief of pain and inflammation. ***Theramine*™** is designed to influence the neurotransmitters that inhibit neuronal firing and reduce inflammation. Serotonin, GABA, and acetylcholine inhibit neuronal firing. Serine inhibits certain G-proteins of the opioid receptor resulting in activation of the opioid receptor. Nitric oxide has dual effects on pain; at low dose it inhibits pain by activation of nNOS while at high doses it exacerbates pain by activation of iNOS. ***Theramine*™** provides L-arginine at low dose along with choline and L-glutamine to activate the NMDA and opioid receptors. Acetylcholine is the neurotransmitter that activates and maintains the parasympathetic nervous system. Activation of the sympathetic nervous system promotes pro-inflammatory cytokines while activation of the parasympathetic nervous system suppresses the pro-inflammatory cytokines. Increased acetylcholine production inhibits production of substance P. L-histidine produces brain histamine that promotes production of naturally occurring glucocorticoids. Glucocorticoids inhibit inflammation by blocking the production of the prostaglandins, including both prostacyclins and thromboxanes. The action of the glucocorticoids is synergistic with nitric oxide pathways. Thus, ***Theramine*™** can effectively reduce inflammation and act synergistically with ASA and NSAIDs

Nutritional Deficiency Associated with Pain Syndromes

Pain disorders are associated with a deficiency of nitric oxide, GABA, serotonin, and acetylcholine precursors. Pain is also associated with insensitivity to circulating GABA

***Theramine*™ Ingredients:** Choline Bitartrate, L-Arginine, L-Histidine, L-Glutamine, L-Serine, GABA, Griffonia Seed (20% 5HTP), Whey Protein, Grape Seed Extract, Ginkgo Biloba, Cinnamon, and Cocoa.

Supplied in 60 capsule bottles. 12 bottles per case.

NDC # 68405-1008-02

Why Is *Theramine*™ Prescribed?

***Theramine*™** is a Medical Food used to manage pain and inflammation. ***Theramine*™** provides the nutrients required by the brain to reduce pain and decrease inflammation. ***Theramine*™** is used as part of a program to manage the symptoms of fibromyalgia. ***Theramine*™** is used to reduce pain and inflammation in fibromyalgia, headaches, back pain, joint pain, and muscle strain. Although the benefits of ***Theramine*™** will occur in the first few doses, the effects will improve over the first 60 days of use. ***Theramine*™** does not contain drugs and has no risk of overdose. ***Theramine*™** is not addictive.

Do not take *Theramine*™ with food!

- 🕒 ***Theramine*™** should be taken with water on an empty stomach at least 30 minutes before or after eating
- 🕒 Take two (2) capsules every four hours or as needed under medical supervision
- 🕒 ***Theramine*™** can be taken with prescription medications under medical supervision

Side Effects: The side effect profile of ***Theramine*™** is comparable to the rate of food intolerance in the community. The ingredients in ***Theramine*™** are derived from nutrient based compounds found in the normal food chain. Food intolerance is an adverse reaction to food that does not involve the body's immune system. When first starting any amino acid therapy, some people complain of mild headaches, stomach upset, and nausea or mouth dryness. These symptoms are mild and temporary and can be managed by drinking plenty of fluids and carefully titrating the dose. Rarely, some individuals feel jittery or over-stimulated. These side effects are relieved by lowering the dose. ***Theramine*™** should not be taken by patients who are receiving MAO inhibitors.