



Serrétia is made up of pure pharmaceutical grade serratiopeptidase, more commonly known as serrapeptase. Serrapeptase was discovered from the *Serratia* sp. E-15 micro-organism that lives within the intestines of silkworms. Silk is among the strongest natural proteins on earth. Silkworm larvae excrete the serrapeptase enzyme to dissolve their silk cocoons. Serrapeptase miraculously dissolves the tough silk protein fibers of the silk cocoon, yet has no effect on the silkworm's living tissue. The powerful protein-dissolving properties of serrapeptase break down the protein molecules that make up the silk cocoon, allowing the silkworm larvae to escape unharmed.

Enzymes are extremely specific and only target certain natural mediums.

Serrapeptase is actively bound to non-living proteins like those found in the silk cocoon, yet remains completely inert to soft living tissue of the silkworm larvae. In nature, the role of serrapeptase is to digest the cocoon of a silkworm, but researchers have found that it has numerous benefits within the human body. When serrapeptase is taken on an empty stomach, it can be absorbed by the small intestine where it enters the bloodstream. Systemically, it works throughout the body to remove debris that contaminate the blood and aggravate the immune system, such as arterial plaque and cholesterol. Serrapeptase also acts as a powerful mucolytic, due to its ability to dissolve thick mucus proteins called mucins. This natural enzyme is used in Asia as a decongestant to relieve respiratory difficulties in the sinus cavity. Serrapeptase can turn thick, coagulated mucus into thin, watery secretions thereby reducing congestion and pressure.



WHY TAKE SERRÉTIA?

Serrapeptase has a variety of benefits that may help improve the following:

- Accelerated Healing
- Healthy Sinus Activity
- Normal Fluid Retention (swelling)
- Free Joint Mobility
- Post Surgical Recovery

Serrapeptase research has shown that using protein-dissolving enzymes like serrapeptase can help remove excess fibrin. Fibrin is a protein naturally formed in the human body which is the principal component of blood clots and eventually scar tissue. Research suggests that serrapeptase supports cardiovascular health, reduces scarring, decreases chronic fibrin-related conditions and lessens instances of spontaneous blood clots.



enhancing one's ability to heal. While certain NSAID's are prescribed to protect the heart, they have many negative gastrointestinal side effects. Serrétia offers cardiovascular benefits as well, but actually improves digestion by helping to better break down undigested proteins. Research has shown that the pain-reducing qualities of serrapeptase are the result of the enzyme's ability to suppress the production of pain-inducing amines known as bradykinins. Bradykinins are peptides which bind to areas of injury and cause them to inflame.

Low level inflammation allows injuries and infections to heal; however, chronic inflammation causes irritation, pain and can slow the recovery process. Many physicians recommend the oral administration of serrapeptase when icing injuries. Icing alone restricts blood flow and nutrients while Serrapeptase improves overall circulation and accelerates the healing process.

IS SERRÉTIA ENTERIC COATED?

Serretia® was developed using Acid Armor capsule technology, not mainstream enteric coating. Acid Armor is a much healthier choice and is more effective than enteric coatings. Enteric coating is



HOW DOES SERRÉTIA WORK?

Serrétia works by digesting any dead tissue that may accumulate as a result of an injury, thereby reducing swelling and pain while

made from plastic polymers called phthalates (pronounced thal'-ates, 'tha-lätz), and has been shown to damage the liver, kidneys, lungs and reproductive systems. The European Union banned phthalates in 2003; China and Mexico have also prohibited the use of phthalates in toys. However, the U.S. has been a bit slower to join these prohibitions and still allows phthalates to be consumed in drugs and dietary supplements. Virtually every enteric coated Serrapeptase on the market since 1971 is wrapped in plastic, with the exception of Serrétia.

SERRÉTIA, IN A CLASS OF ITS OWN.

With so many different brands of serrapeptase on the market, it may be difficult to choose. Serrapeptase is rated in SPUs (Serratio Peptidase Units), an activity rating of the enzyme's potency. Unlike vitamins and minerals, enzymes are measured by their potency or activity, not by their weight. Serrétia contains 250,000 SPUs of activity per dose, making it one of the strongest products on the market. Ultra high potency combined with Acid Armor capsules puts Serrétia a cut above the competition.

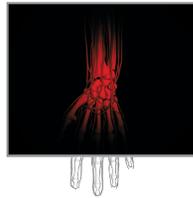
ARE SILKWORMS USED TO PRODUCE SERRAPEPTASE?



Although serrapeptase was originally discovered in silkworms, no silkworms are actually used in the manufacturing process. The enzymes are extracted from *Serratia* bacteria, grown in clean rooms. The bacteria grow rapidly in precise environments without the use of a host.

PREVENTATIVE USES FOR SERRÉTIA:

Serrétia can reduce the severity of injuries and accelerate the healing process after surgery. In a German clinical study, researchers analyzed serrapeptase's ability to reduce the pain and swelling of subjects who had recently had surgery. This study involved sixty-six subjects that had undergone knee surgery to repair torn ligaments. Ligament tears of the knee are common among athletes and cause substantial pain and inflammation. The subjects were split into two groups; one of which took serrapeptase, while the other was given a placebo. Three days following the surgery, the subjects that were given serrapeptase were found to have a 50% reduction of swelling and experienced less pain compared to their placebo counterparts.



Supplement Facts

Serving Size: 2 Capsules

	Amount Per Serving	% Daily Value
Serrapeptase	250,000 SPU	†
† Daily Value Not Established		

Other Ingredients: Cellulose (*Acid Armor™* capsules)

SERRÉTIA IS FREE OF DAIRY, GLUTEN, AND SOY ALLERGENS. CONTAINS NO ARTIFICIAL COLORS OR PRESERVATIVES.

KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE WITH LID TIGHTLY CLOSED

WARNING: SERRAPEPTASE MAY THIN THE BLOOD; CONSULT YOUR PHYSICIAN IF YOU ARE CURRENTLY TAKING ANTICOAGULANTS.

SUGGESTED USE: TAKE 2 CAPSULES 1 TO 3 TIMES DAILY BETWEEN MEALS OR AS RECOMMENDED BY YOUR PHYSICIAN. SERRÉTIA CAN BE SAFELY TAKEN WITH OTHER DIETARY SUPPLEMENTS.

WHAT IS THE SUGGESTED USE?

Therapeutic Use: Take 2-4 capsules twice daily between meals (either at least one hour before or two hours after any meal) with 8 oz. of water or as recommended by your healthcare practitioner.

Maintenance Use: Take 1-2 capsules once or twice daily between meals (either at least an hour before or two hours after any meal) with 8 oz. of water or as recommended by your healthcare practitioner.

