

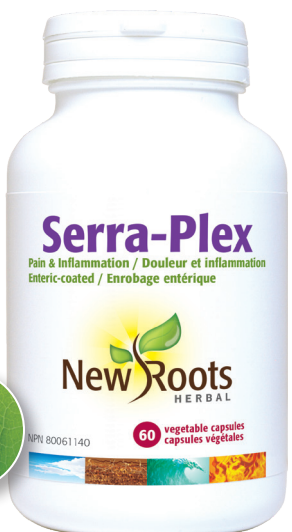
# Serra-Plex

Accelerates recovery  
from soft-tissue damage



- Relieves pain and inflammation
- All-natural and side effect-free

**ISO 17025**  
Accredited Laboratory



[newrootsherbal.com](http://newrootsherbal.com)



**Serra-Plex** is a high-potency combination of proteolytic and plant enzymes, which includes 60,000 activity units of serratiopeptidase per capsule. It's extremely effective at breaking down cellular debris as well as reducing inflammation and pain. **Serra-Plex** can also help relieve carpal tunnel syndrome, upper respiratory ailments, and allergies.

## The Power of Serratiopeptidase

**Serratiopeptidase** allows maximum blood flow and eases the work required to remove dead tissue. This means faster healing as well as a more proactive and long-term approach to inflammation. **Serra-Plex** is formulated with potency-validated nutraceuticals that target pain and inflammation.

**Serra-Plex** is enteric-coated to ensure arrival of capsule contents to the intestines for maximum absorption.

## You Can Trust **Serra-Plex** to:

- Reduce inflammation and speed up the healing process by thinning the fluids formed from injury, thus facilitating the fluid's removal from the site.
- Help alleviate pain by inhibiting the release of a pain-inducing amine called bradykinin.
- Enhance cardiovascular health by breaking down the protein by-products of blood coagulation.

**Bromelain**, from the stem of the pineapple, is effective in inhibiting prostaglandins and has been proven effective in treating inflammation from surgery, traumatic injuries and wounds.

**Grape seed extract** is rich in proanthocyanidins (95%), a potent antioxidant compound that

supports circulation critical for healing. Current research also supports its use for injury-related swelling and chronic inflammation.

Our **green tea extract** is standardized to 75% EGCG, the potent polyphenol that delivers a powerful anti-inflammatory effect against the denaturing of protein. This translates to reducing the severity of injury to soft tissue including muscle and joints.

Naturally sourced from marigold, **lutein** inhibits the action of a complex protein, NF-κB, that influences the inflammatory process.

**Boswellia serrata** (70% organic acids, 35% boswellic acid)—Boswellic acid is the critical active constituent extracted from the herb *Boswellia serrata*. Clinical trials have shown positive effects for boswellic acid and the relief of pain and stiffness of the knee resulting from arthritis.<sup>[4]</sup> Boswellic acid inhibits the production of leukotrienes, the signaling molecule that causes inflammation. Animal trials have shown boswellic acid to work well with glucosamine (a component of NEM<sup>®</sup>) for arthritis relief.<sup>[5]</sup>

**Devil's claw**—The pain-relieving and anti-inflammatory properties of devil's claw are attributed to its high concentration of iridoid glycosides (harpagosides). Harpagosides inhibit the release of cell-signaling proteins (cytokines) that contribute to the inflammatory process.

**Curcumin** (95% curcuminoids) is a polyphenolic compound; a curcuminoid to be precise. These are responsible for the pigment in the spice turmeric (*Curcuma longa*). Curcumin has had a long history of Ayurvedic use.

Curcumin contains pain relievers that stop the neurotransmitter substance P from sending its

pain signals to the brain. By reducing prostaglandin activity and through several other mechanisms it also decreases inflammation. Researchers also believe that curcumin increases cortisone's anti-inflammatory action by making the body more sensitive to this hormone. This is in surplus to the anticarcinogenic properties of this pigment.

Piperine is the critical marker compound in **black pepper** (95% piperine) that has been proven in clinical trials to amplify the bioavailability of curcumin up to 2000%.<sup>[6]</sup>

## References

1. Scremin, S., et al. "[Comparison between imidazole-2-hydroxybenzoate and serratio-peptidase in the treatment of phlogistic diseases of the respiratory tract]." (article in Italian) *Bolletino Chimico Farmaceutico* Vol. 124, No. 8 (1985): 71S-75S.
2. Nakamura, S., et al. "Effect of the proteolytic enzyme serrapeptase in patients with chronic airway disease." *Respirology* Vol. 8, No. 3 (2003): 316-320.
3. Malshe, P.C. "Orally administered serratiopeptidase: can it work?" *The Journal of the Association of Physicians of India* Vol. 46 No. 5 (1998): 492.
4. Sontakke, S., et al. "Open, randomized, controlled clinical trial of *Boswellia serrata* extract as compared to valdecoxid in osteoarthritis of knee." *Indian Journal of Pharmacology* Vol. 39, No. 1 (2007): 21-29.
5. Singh, S., et al. "Boswellic acids and glucosamine show synergistic effect in preclinical anti-inflammatory study in rats." *Bioorganic & Medicinal Chemistry Letters* Vol. 17, No. 13 (2007): 3706-3711.
6. Shaba, G., et al. "Influence of piperine on the pharmacokinetics of curcumin in animals and human volunteers." *Planta Medica* Vol. 64, No. 4 (1998): 353-356.

### Each enteric-coated vegetable capsule contains:

|   |                  |
|---|------------------|
| Serratiopeptidase   | 60,000 SU        |
| Devil's claw root powder ( <i>Harpagophytum procumbens</i> )  | 120 mg           |
| <i>Boswellia serrata</i> , 70% organic acids, 35% boswellic acid  | 100 mg           |
| Bromelain ( <i>Ananas comosus</i> stem) [100 mg]  | 3,600,000 FCC PU |
| Turmeric ( <i>Curcuma longa</i> ) root extract, 95% curcuminoids, providing curcumin I, demethoxycurcumin, and bisdemethoxycurcumin | 80 mg            |
| Grape seed extract, 95% proanthocyanidins ( <i>Vitis vinifera</i> )   | 30 mg            |
| Green tea extract, 75% EGCG ( <i>Camellia sinensis</i> )  | 21 mg            |
| Marigold extract, 15% lutein ( <i>Tagetes erecta</i> )  | 6.67 mg          |
| Black pepper extract, 95% piperine ( <i>Piper nigrum</i> )  | 3 mg             |

**Other ingredients:** Vegetable magnesium stearate and silicon dioxide in a non-GMO vegetable capsule composed of vegetable carbohydrate gum and purified water plus an enteric coating.

NPN 80061140 - V0337-R3

### Suggested use:

**Adults:** Take 2 capsules daily on an empty stomach or as directed by your health-care practitioner.

Manufactured under strict GMP (Good Manufacturing Practices).

HP1148

