

COLTECT™ COLON SUPPORT

Gastrointestinal (GI) health is at the core of health of the whole person. With healthy GI function, other systems—the immune system, the skin, the musculoskeletal system, the cardiovascular system—may function more optimally. Supporting gastrointestinal function helps maintain overall wellness.

Colon Support Combination

Coltect is a unique, enteric-coated combination of turmeric (*Curcuma longa*), green tea (*Camellia sinensis*), and selenomethionine. The formula is designed to support colon comfort and promote a healthy cell mediator response.*

One *in vitro* animal model study has shown that turmeric extract, green tea extract, and selenomethionine, in combination, appear to work synergistically.*

- Includes Theracurmin®, a novel, water-dispersible form of curcumin
- Supports intestinal comfort*
- Enteric-coated for targeted delivery

Coltect is a part of our Digestive Restoration Program which offers you a flexible approach to individualized patient care. Learn more at integrativepro.com/digestion.



wheat free



gluten free



soy free



dairy free



vegetarian



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COLTECT™

Clinical Study

An enteric-coated combination of turmeric extract, green tea extract, and selenomethionine was studied in a Phase II, open-label clinical trial in 21 individuals. Study participants took 2 tablets twice daily for 8 weeks. Each tablet contained 500 mg turmeric, 250 mg green tea, and 100 mcg selenomethionine. Sigmoidoscopy was performed at the beginning and end of the study. A physical exam, complete blood count, a key cell mediator level, and a clinical assessment were conducted at baseline and after 4 and 8 weeks. Clinical assessments included abdominal comfort, stool frequency, and investigator's global assessment. After 8 weeks, 14 of 21 individuals (67%) showed improvement in clinical assessments and cell mediators.*¹

How it Works

An *in vivo* study in animals showed that an orally administered combination of turmeric extract, green tea extract, and selenomethionine, promoted healthy intestinal structure and function and that the combination works synergistically to enhance efficacy.*²

According to animal research, this proprietary, three-ingredient combination appears to be more effective at supporting a healthy cell mediator response in the colon than turmeric extract, green tea extract, or selenium administered individually.*¹ Other studies have shown that dietary administration of curcumin and green tea catechins is significantly more effective than either ingredient alone at supporting healthy cell structure and function in animals.*³ Selenium and green tea have also shown significant synergy in supporting cell and tissue function under experimental conditions *in vitro*.³ Ingredients in Coltect have a history of safe use in humans and numerous studies showing significant support for healthy intestinal function, cell mediator and cytokine activity, and cell proliferation.* This research helps to explain the benefits of Coltect in promoting intestinal comfort and a healthy cell mediator response.* These benefits may be enhanced due to the demonstrated synergy of ingredients in the formula.

Turmeric

Turmeric has been used for centuries to support healthy cell mediator responses, host defense mechanisms, and digestive function.* More recently, its use as a supportive agent has been suggested in immune, cellular, vascular, cardiac, and joint health.*^{4,5} Clinical studies have shown that orally administered turmeric is effective in promoting colon health in humans.*⁵⁻⁷

Green Tea Extract

Tea made from the leaves and buds of *Camilla sinensis* is the world's second most frequently consumed beverage after water. Green tea extract contains polyphenols, including epigallocatechin-3-gallate (EGCG), that have been widely studied for their antioxidant properties and ability to promote healthy cell mediator response and healthy cell structure and function.*⁸⁻¹⁰ Studies in animals have shown that consumption of green tea extract helps support colon function including healthy stool frequency.*¹¹ A clinical trial in 14 human volunteers showed that as little as 600 mg of green tea solids, containing approximately 60 mg polyphenols, produced significant increases in tissue levels of tea polyphenols and positive changes in cell mediators in rectal tissue within 4 hours of oral administration.*¹² Coltect contains 500 mg of green tea extract providing 300 mg of polyphenols per 2 tablet serving and 600 mg per day.

Selenium

Selenium is known to play a vital role as an antioxidant and free radical scavenger in helping to maintain mucosal health in humans.* Numerous epidemiological studies have found serum selenium levels are associated with colon health.¹³⁻¹⁵ and that supplementation raises selenium levels and stimulates glutathione peroxidase activity.*¹⁵ Other studies have shown that individuals with higher serum selenium had a lower incidence of such concerns.¹⁶ A randomized, placebo-controlled study of 1,312 individuals showed that daily intake of selenium-rich yeast containing 200 mcg of selenium per day was

Supplement Facts

Serving Size 2 Enteric-Coated Tablets Servings per container 30

Amount per 2 tablets

Proprietary Blend:	1,030 mg***
Turmeric (<i>Curcuma longa</i>) Extract standardized to contain 95% curcuminoids and Theracurmin® (water-dispersible turmeric (<i>Curcuma longa</i>) rhizome)	
Green Tea (<i>Camellia sinensis</i>) Leaf Extract standardized to contain 60% polyphenols and 45% epigallocatechin-3-O-gallate (EGCG)	500 mg**
Selenium (as L-selenomethionine)	200 mcg**

**Daily Value not established.

Other ingredients: cellulose, stearic acid, modified cellulose gum, silicon dioxide, modified cellulose, dextrin, sodium alginate, maltose, gum ghatti, fractionated coconut oil, and citric acid.

Contains No: sugar, salt, yeast, wheat, gluten, soy, dairy products, artificial coloring, artificial flavoring, preservatives, or ingredients of animal origin.

Recommendations: Take 2 enteric-coated tablets twice daily or as recommended by your healthcare professional. May be reduced to 1-2 tablets daily for maintenance.

If pregnant, nursing or taking prescription drugs, consult your healthcare professional prior to use.

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associated with better colon health than those taking a low-selenium yeast placebo.*¹⁷

Conclusion

Coltect is a unique, enteric-coated formula designed to support intestinal comfort and a healthy cell mediator response.* One *in vitro* animal model study has shown that turmeric extract, green tea extract, and selenomethionine in combination appear to work synergistically and may provide superior results as compared to each of the individual ingredients.*

References

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