



Healthy intestinal microbiota are crucial for supporting metabolic function, managing inflammation, and regulating immune defenses. Colonic microorganisms play an important role in the synthesis of micronutrients and the breakdown of enzymes required to produce short chain fatty acids which are important for health and immunity.

What is COLez?

COLez[™] is a plant-based colon detox cleanse formula that supports peristalsis and gut microbiome. This unique proprietary blend of herbal extracts and amino acids provides gut-healing nutrients to support normal bowel movements, along with natural antioxidants to counteract free radical damage.

Active Ingredients

Psyllium Seed Husk

Guar Gum

Plant extracts: Cascara Sagrada (bark), Senna (leaf), Celery (seed), Cinnamon (bark), Ginger (root), Prune (fruit), Raspberry (leaf), Alfalfa (aerial parts), Aloe Vera (leaf), Black Walnut (hull), Buchu (leaf), Barberry (root bark), Citrus Pectin, Dandelion (leaf), Echinacea (root), Licorice (root), Marshmallow (root), Montmorillonite, Uva-Ursi (leaf), Yellow Dock (root), Cape aloe (leaf), Garlic (bulb), Cayenne (fruit), Rosemary Extract (leaf), Peppermint (leaf) Superoxide Dismutase (SOD)

L-Cysteine



Benefits of COLez

Supports healthy gut microbiota

Prebiotics can improve the composition and/or activity in the gastrointestinal microflora that confers benefits upon host well-being and health.

Prebiotics help to stimulate the growth and activity of important microorganisms in the gut. Dietary fibers cannot be digested in the gastrointestinal tract but are instead fermented by gut microbiota to provide a source of energy. Citrus pectin is a form of prebiotic that can serve as valuable carbon source for gut <u>bacteria</u>.

Soluble fibers are shown to improve gut microbiota and healthier flora and have positive effects on weight, glycemic control, and liver <u>function</u>.

Supports digestive function

Dandelion leaf aids digestion by stimulating the production of bile and digestive enzymes, which can improve digestion, absorption, and <u>elimination</u>. Ginger helps to relieve symptoms such as dyspepsia, flatulence, nausea and abdominal pain, and has been shown to stimulate gastric emptying and antral contractions in patients with functional <u>dyspepsia</u>. Cayenne also increases production of gastric juices and enzymes in the stomach, assisting with the breakdown of <u>food</u>.

May assist with Irritable Bowel Syndrome

Aloe vera and marshmallow are commonly used to stimulate bowel movements and improve gastrointestinal motility. Aloe vera stimulates mucus secretions in the colon and increases the amount of water in the intestinal lumen, which can be helpful for patients with constipation-predominant IBS or functional <u>constipation</u>.

Montmorillonite is shown to produce compositional changes in intestinal microbiota, which can be considered as a prebiotic effect, making it potential prebiotic functional <u>supplement</u>.

Stimulates bowel movements

Senna and cascara have long been used for their laxative effects for hundreds of years and are well-studied. These herbs contain anthraquinones, which stimulate the colon and promote peristalsis and stool evacuation. Anthraquinones also inhibit reabsorption of electrolytes and water from the <u>colon</u>.

Psyllium husk is a non-fermented gel2 forming substance that retains its high water 2 holding capacity to normalize stools in two ways. It softens hard stools and also binds loose or liquid stools, which makes it ideal for IBS patients who suffer from both constipation and <u>diarrhea</u>.

Supports integrity of the digestive tract

Citrus pectin helps to maintain a balanced gut microbiota composition and enriches production of short-chain fatty <u>acids</u>. Licorice root is known for its ability to soothe inflamed or damaged mucous membranes in the digestive tract, while also increasing production of protective mucin in the stomach and <u>duodenum</u>.

Aloe vera may help in the healing of Leaky Gut Syndrome by supporting intestinal tight junction integrity, reducing inflammation, and strengthening the lining of the digestive <u>tract</u>.

Helps manage inflammation

Dietary fibers such as psyllium husk increase local and systemic concentrations of gut microbiota-derived short-chain fatty acids (SCFAs). These can promote the generation of peripheral regulatory T cells and suppress the inflammatory function of dendritic cells.

Superoxide dismutase is the only antioxidant enzyme that scavenges the superoxide anion and converts it to oxygen and hydrogen peroxide, which prevents peroxynitrite production and further damage.

Celery seed, ginger, garlic, raspberry leaf, garlic, licorice, and rosemary extract all harbor powerful antioxidant properties which can help reduce oxidative stress and inflammation associated with chronic <u>diseases</u>. Garlic is especially noted for reducing inflammation and damage in the colon while enhancing production of short-chain fatty acids and improving the composition of intestinal <u>microbiota</u>.



Safety and side effects

Do not exceed the recommended dose.

Women who are pregnant, nursing, or any person who is immune-compromised should consult their physician before using this product. Certain medications may interact with individual ingredients. Consult with a physician before taking this or any dietary supplement.

Keep out of reach of children. Do not use if safety seal is damaged or missing.

Store in a cool, dry place. (No refrigeration required)

Dosage and how to take

Adults: Two capsules daily with food or as directed by a healthcare professional. Additional capsules can be taken as needed. Do not take more than 4 in a 24 hour period. Product is designed to support natural elimination. Product can be taken daily as needed.

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