

BROAD-SPECTRUM ANTIMICROBIAL SUPPORT*

Supplement Facts

Serving Size 4 Capsules
Servings Per Container 30

	Amount Per Serving	% Daily Value
Wormwood leaf powder (<i>Artemisia absinthium</i>)	400 mg	**
Olive leaf extract (<i>Olea europaea</i>) (20% oleuropein)	325 mg	**
Berberine Hydrochloride	200 mg	**
Thyme leaf extract (<i>Thymus vulgaris</i>) (4:1)	200 mg	**
Neem leaf powder (<i>Azadirachta indica</i>)	200 mg	**
Clove Bud powder (<i>Syzygium aromaticum</i>)	200 mg	**
Black Walnut hull powder (<i>Juglans nigra</i>)	100 mg	**
Oregon Grape root powder (<i>Mahonia aquifolium</i>)	100 mg	**
Myrrh gum resin powder (<i>Commiphora molmol</i>)	100 mg	**

** Daily Value not established.

Other ingredients: Cellulose (capsule), microcrystalline cellulose, leucine, vegetable stearate, silicon dioxide.

Does not contain gluten.

SUGGESTED USE: 4 CAPSULES PER DAY, OR AS DIRECTED BY YOUR HEALTHCARE PROFESSIONAL. BEST TAKEN IN DIVIDED DOSES ON AN EMPTY STOMACH.

WARNING: IF YOU ARE TAKING MEDICATION, HAVE A MEDICAL CONDITION OR AN UPCOMING MEDICAL PROCEDURE, OR ARE PREGNANT OR NURSING CONSULT A PHYSICIAN BEFORE USING. IF ADVERSE REACTIONS OCCUR, DISCONTINUE USE & CONSULT YOUR HEALTHCARE PRACTITIONER. NOT RECOMMENDED FOR LONG TERM USE.

- Powerful blend of natural botanicals to help optimize and promote a healthy gastrointestinal environment.*
- Traditional and researched herbal extracts & powders.*
- Helps support immune defenses against GI pathogens.*

ParaBotanic Select® contains a unique, high potency blend of natural, clinically researched botanicals that have been used therapeutically for centuries to help fight infections within the human gastrointestinal tract.

ParaBotanic Select® may be considered a first line strategy to help support healthy digestive function and to bolster a robust immune system defense against common GI pathogens.

WORMWOOD (*Artemesia absinthium*) is a silvery-green perennial plant with a long history of use for addressing intestinal parasitic infections. It contains artemisinin, a bitter compound shown to exhibit broad spectrum activity against yeasts, trematodes, malaria and other pathogens.

OLIVE LEAF EXTRACT (*Olea Europaea*) exhibits potent antiviral and antimicrobial activity. A rich storehouse of monoterpenes, triterpenes and flavonoids, olive leaf is well known to help enhance the body's immune defenses. Research indicates it is effective against hundreds of invasive pathogens including *E. coli* and *Candida albicans*.

BERBERINE HYDROCHLORIDE is an isoquinoline alkaloid isolated from botanicals such as goldenseal, barberry and Oregon grape (see below). Following many centuries of use in Chinese and Ayurvedic medicine, berberine has recently been suggested to function by stimulating the production of reactive oxygen species. Berberine shows effectiveness in vitro against numerous bacteria, yeast and protozoa including *Candida albicans* and *Leishmania mexicana*.

THYME (*Thymus vulgaris*) contains terpenoids, caffeic acid and volatile oils—notably thymol and carvacrol—which have been shown to provide antimicrobial and antifungal support. Thyme works together synergistically with clove.

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* These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure or prevent any disease.



NEEM (*Azadirachta indica*) is an ancient traditional Indian medicine. Neem leaf provides potent antibacterial activity and has been studied widely, especially for use in infectious GI conditions manifesting as loose, watery stools.

CLOVE BUD (*Syzygium aromaticum*) is rich in eugenol, a volatile oil with strong anti-fungal, antioxidant, anti-inflammatory and antiseptic properties. In vitro, eugenol has been shown to inhibit the growth and adherence of pathogens such as *Giardia lamblia* and *Leishmania* and to inhibit biofilm formation and colonization of *C. albicans*. Eugenol is effective alone and in synergy with thymol from thyme, which is also contained in **ParaBotanic Select**®.

BLACK WALNUT (*Juglans nigra*) has a long history of use as a traditional Native American remedy for infectious conditions of the intestines and dermis. The unripe (green) hulls of black walnut have been shown to exhibit activity against numerous yeast and fungi commonly implicated in dysbiotic conditions, including *Candida albicans*.

Wildcrafted OREGON GRAPE ROOT (*Mahonia aquifolium*) is a premium source of berberine and a traditional remedy for infectious conditions of the gastrointestinal tract. Laboratory studies suggest that compounds found in Oregon Grape exhibit antimicrobial activity against gram-positive and gram-negative bacteria, fungi and protozoa.

MYRRH GUM (*Commiphora myrrha*) has been famed since ancient times for its antimicrobial properties. Myrrh contains sesquiterpene compounds that have been shown to exhibit antibacterial and antifungal activity against pathogenic strains of *Escherichia coli*, *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Candida albicans*.

CLINICAL USAGE SUGGESTIONS

- ParaBotanic Select® may be taken continuously without pause or using a “stairstep” approach: repeating cycles of “10 days on; 5 days off”, to help support deep-acting results. In both cases, dosing often begins with 2 capsules, twice per day.
- This product is best taken between meals on an empty stomach if patient can tolerate; otherwise, take with food.
- Average treatment period lasts four cycles (approximately 2 months), or until testing indicates infection has cleared.

REFERENCES

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9. Dolara P, et al. Local anaesthetic, antibacterial and antifungal properties of sesquiterpenes from myrrh. *Planta Med.* 2000 May;66(4):356-8.

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