



G.I. DETOX | BOX

CLEARING THE PATH

INSIDE
THE G.I. DETOX BOX

Kit Item	Count and Size
Artemisinin Emulsion	3 x 120 mL bottles
Dr Shade's BitterX	4 x 50 mL bottles
Ultra Binder	4 x 120 g bottles
Complete protocol instructions and guide	



G.I. DETOX BOX

The **G.I. DETOX BOX** supports a healthy balance of flora and immune function in the gastrointestinal tract and beyond, and can be used as a stand-alone therapy or preparation for systemic detoxification. This combination of products delivers supportive natural substances to the gastrointestinal tract where they act locally to rebalance the microbial population, restore mucosal health and function, simultaneously encouraging elimination of toxins both from the gastrointestinal tract and systemically.*

1. **Artemisinin Emulsion** provides artemisinin, the primary active constituent of the plant *Artemisia annua*, also known as sweet wormwood or Qinghaosu. Artemisinin may impact the flora of the digestive system, genitourinary tract, and beyond with broad microbial-balancing properties.*
2. **Dr. Shade's BitterX** enhances the body's natural elimination process in the liver, gall-bladder, and kidneys by introducing herbs that boost their normal function, pushing the cellular and blood-borne toxins out through the urine or via the bile into the digestive tract.* BitterX supports healthy bile flow, which is critical for healthy gastrointestinal function and flora balance.*
3. **Ultra Binder** delivers a comprehensive blend of toxin binders, chosen for their overlapping specificities, to efficiently mop up debris in the gut. The binders in this combination capture and eliminate many different toxins, including endotoxin, from the gastrointestinal tract.*

ADDITIONAL SUPPORT FOR DETOXIFICATION

Because the process of detoxification can be taxing on the body and may deplete essential minerals, we recommend additional support for remineralization and to support drainage pathways of the body. The timing and dosages of the recommended supportive supplements are detailed within each protocol.

Products we suggest in conjunction with the G.I. Detox Box include:

Non-Kit Item (Optional)	Count and Size
Quinton Isotonic (Sea Minerals) or QuintEssential 0.9	2 to 4 x 30-ampule boxes or 1 to 2 x 1 L bottles

G.I. DETOX BOX

PROTOCOL INSTRUCTIONS

Please follow the dosage schedule below. This protocol takes 2 months to complete and has 2 successive stages in which dosages of supplements are progressively increased to encourage deeper effects. As detailed, products should be taken for 10 days straight and then a break should be taken for 4 days in which other supportive supplements can continue to be taken. It can alternatively be done in cycles of 5 days on and 2 days off, but the 10/4 day cycling encourages deeper action. Artemisinin can be moved to other parts of the day, but should be taken on an empty stomach, and at least one hour before Ultra Binder. Essentially, you need a one-hour period between the Artemisinin and the binder, and then about 30 min after the binder before eating. Beverages are ok.

Disclaimer: *This system is not intended to diagnose or treat any disease. The dosing schedule below is designed to serve as a guide, and should not supplant guidance concerning the use of these supplements provided by your healthcare practitioner.*

MONTH 1: 2 CYCLES OF 10 DAYS “ON” & 4 DAYS “OFF”

Take supplements as listed below for 10 days “on”:

	A.M.	60 min. Later	P.M.	60 min. Later
Dr Shade's BitterX	4 pumps		4 pumps	
Artemisinin Emulsion	1 tsp.			
UltraBinder		1 tsp with water		1 tsp with water

Take additional supportive supplements as listed below for 4 days “off”:

	A.M.	Mid A.M.
Quinton Isotonic	1 ampoule	1 ampoule

MONTH 2: 2 CYCLES OF 10 DAYS “ON” AND 4 DAYS “OFF”

Take supplements as listed below for 10 days “on”:

	A.M.	60 min. Later	P.M.	60 min. Later
Dr Shade's BitterX	6 pumps		6 pumps	
Artemisinin Emulsion	2 tsp.			
UltraBinder		2 tsp with water		2 tsp with water

Take additional supportive supplements as listed below for 4 days “off”:

	A.M.	Mid A.M.

Note: Because Ultra Binder contains activated charcoal and other substances that may affect the absorption of medications, it should be taken at least two hours before or after prescription medications. Ultra Binder can be taken 30 to 60 minutes before or after other supplements and food, with longer spacing being optimal. Make sure to drink adequate water when taking charcoal-containing supplements.

Artemisinin should be used under the supervision of a healthcare professional, with liver enzymes monitored during use.

THE G.I. DETOX BOX PRODUCTS

ARTEMISININ EMULSION

Artemisinin is the main active compound derived from the plant *Artemisia annua*, also known as sweet wormwood or Qinghaosu. Artemisinin may impact the microbial ecosystem of the digestive system, genitourinary tract, and beyond, as it has been shown to have broad microbial-balancing qualities.* It also helps break down biofilms that make infections such as *Candida albicans* resistant to treatment.* Artemisinin is a bitter compound, and enhances digestion in a manner similar to more commonly used digestive bitters like gentian.* Liposomal delivery systems have been shown to lead to more stable artemisinin plasma concentrations, suggesting that they have an extended release and thereby prolonged systemic effect.* Additionally, more immediate effects have also been seen with liposomal formulations than conventional artemisinin.* The liposomal artemisinin emulsion absorbs in the lymphatics, which lessens the burden on the liver and makes it a safer alternative for prolonged supplementation.*



ULTRA BINDER

Ultra Binder optimizes the natural elimination of debris and toxins, including endotoxin (LPS), metals, and unwanted microbial by-products through the intestines.* Ultra Binder is a combination of USP Sodium Bentonite Clay, Activated Charcoal, Chitosan, Acacia Gum, Aloe Vera, and a proprietary thiol-functionalized silica (IMD). **Activated Charcoal** and **Zeolite** effectively binds LPS, pesticides, herbicides, persistent organic pollutants, and mold toxins.* **Bentonite Clay** binds aflatoxin as well as other mold toxins.* **Chitosan** binds to the bile and toxins that are secreted with it, including heavy metals, polychlorinated biphenyls (PCBs), phthalates, and bisphenol A (BPA).* The proprietary thiol-functionalized silica (also found in **IMD Intestinal Cleanse**) is a superior metalbinding agent, and the active binding groups out-compete other compounds for metals in the intestines.* **Acacia Gum** supports the gastrointestinal mucosa health, the growth of friendly flora, and normal gastrointestinal function.* It is a low FODMAP friendly prebiotic fiber. **Aloe Vera** has a soothing effect on the gastric mucosa, and minimizes gastric side effects that can occur when binders are taken alone.*



DR. SHADE'S BITTERX

Small intestinal bacterial overgrowth is often associated with intra-hepatic cholestasis. Thus encouraging healthy bile-flow should be a part of any protocol for balancing GI flora, and bitters formulas are a great traditional supplement for that. The four-fold army in **BitterX** is comprised of dandelion, gentian root, solidago (gold-enrod), and the essential oil of myrrh, delivered in the advanced liposomal format that Quicksilver Scientific is well known for. This blend of bitters has a strong effect of activating the transporters necessary to move bile, and toxins, from the liver and out through the gallbladder.* **Dandelion** steps out in front, carrying with it a shield of hepatoprotective, renal, and bile flow stimulating benefits.* **Gentian**, well known as the most bitter herb, also is an important player on this detoxification team. In addition to promoting healthy bile flow, gentian has been observed to increase levels of glutathione and other antioxidant-supporting enzymes.* **Solidago**, a classic herb used to support the urinary system, promotes diuresis and with this the elimination of toxins, simultaneously increasing glutathione S-transferase activity, a critical enzyme in Phase II detoxification.* Finally, the essential oil of **myrrh** brings up the end, with bile flow



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Quicksilver Scientific® is a leading manufacturer of advanced dietary supplement formulations with a focus on detoxification. Our proprietary liposomal delivery technology supports the bioavailability of ingredients and unsurpassed absorption for health optimization.

At Quicksilver Scientific®, we are passionate about health and well-being and are committed to improving the lives of everyone we touch.

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