



# .. Carboxy

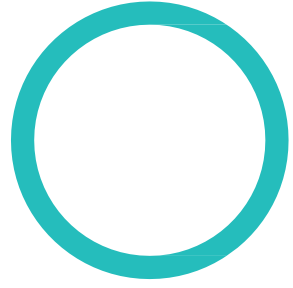


Dr. Jay Davidson



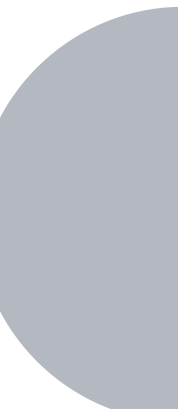
Dr. Todd Watts

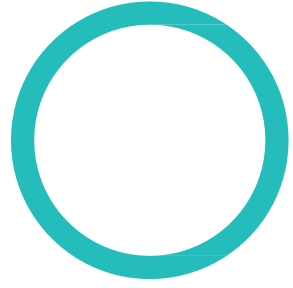




# ●● Carbon Technology

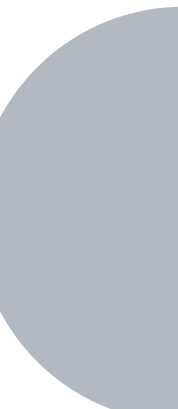
- A new category in the supplementation industry
  - Carbons Bind, protect, and Deliver
  - Prevents damage during the binding process as it has antioxidant properties
    - Antioxidants prevent unwanted microorganism growth
  - Repairs damage
  - Supports life
- Selective binder
  - When it comes into contact with a good form of a mineral, it leaves it alone. Only binds to inorganic forms.
  - Traditional binders are limited in what toxins they bind to and can grab beneficial minerals

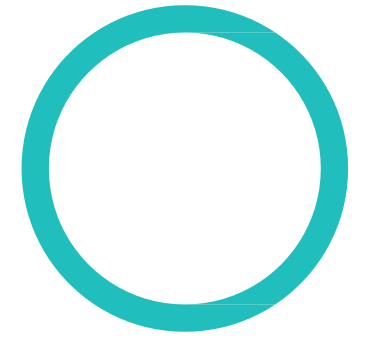




# ●● Carbon Technology

- Covalent bonds vs. ionic bonds
  - Toxins are locked in with carbon technology
- Nutrient giving
  - Contains amino acids, carbon, hydrogen, oxygen, minerals and vitamins
- Every CellCore BioSciences supplement contains Carbon Technology, with the exception of Para 1, IS-BORR, IS-BART, IS-BAB, and IS-BOOST.
- Low pH
  - More energy to grab onto toxins





# ●● Carbon extraction process

## **Chemical Extraction**

- Changes pH and makes more alkaline, losing potential energy.  
Unwanted structure altering.

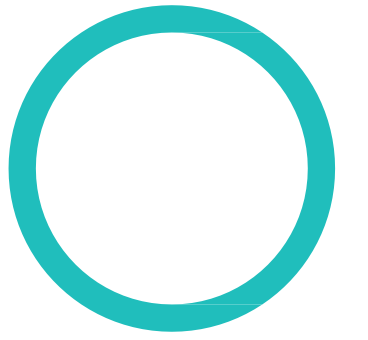
## **Mechanical Extraction**

- Consists of grinding up raw materials, but isn't able further extract carbons into different sized chains.

## **Water Extraction** - (what we use to create products)

- Keeps pH lower
  - A lower pH means higher energy to bind to toxins better





## ●● Carbon extraction process

- Carbons are separated into small, medium, and large chains. Then they are combined back together.
  - This allows each size of chains to act separately to get all the benefits of each sized chain
- Otherwise small and medium chains stay attached to large chains and only get the benefits of the large chains

# ●● What we were seeing clinically

Tough mold and fungus cases

Tough parasite/Lyme cases

High Industrial & environmental chemicals



# ●● BioToxin Binder vs. Carboxy

- **Carboxy is the Active ingredient in BioToxin Binder.**
  - **Carboxy Is Extra Strength**
  - Carboxy is great for acute exposures or someone wanting to go deeper with detoxing for binding mold, ammonia, yeast candida, or industrial chemicals
  - Biotoxin Binder is better for milder toxin exposures
  - Biotoxin Binder better for long term use or optimization binder
  - Biotoxin Binder is be good for super sensitive people to start with first, then progress to Carboxy for deeper detox

**1 Tub of Carboxy has 5.5 times the amount of Carboxy in a bottle of Biotoxin Binder**

## ●● Other properties

- Polysaccharides and polyelectrolytes
- Good food for the microbiome
- Very high oxygen saturation





# ●● Study on How Humid Acid Helps to Improve Gut Microbiome

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The sum concentration of colonic microbiota increased from 20% at day 10 to 30% by day 31 and remained stable until day 45 (32%) of humic acid supplementation. The increase in the concentrations in each person was due to growth of preexisting groups. The individual microbial profile of the patients remained unchanged and bacterial diversity remained stable. **Humic acids have a profound effect on healthy colonic microbiome and may be potentially to control the innate colonic microbiome.**

Swidsinski, Alexander et al. "Impact of humic acids on the colonic microbiome in healthy volunteers." *World journal of gastroenterology* vol. 23,5 (2017): 885-890. [Web link](#)





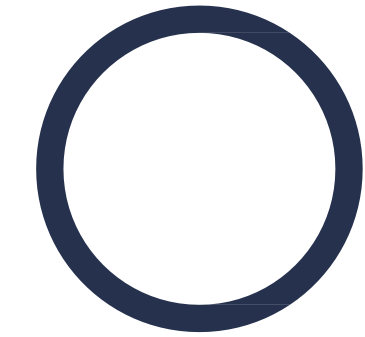
# ●● Study of Carbons Used to Bind Mold

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This study looked at how humic acid added to aflatoxin contaminated feed fed to broiler chicken. They found that when humic acid was given to the broiler chickens along with the contaminated feed. **The humic acid bound to the aflatoxins and neutralized the toxicity effects and improved all performance parameters.** Liver weight and aflatoxins residues were a lot less than control showing humic acid helps to bind toxins to **reduced burden on liver and prevent toxin build up in liver.** Humic acid groups showed **enhanced humoral immune system**, which is normally lowered when exposed to aflatoxins. **In conclusion adding humic acid to aflatoxin contaminated feed of chicken help to reduce a lot the negative effects and grow healthier chickens.**

Arafat, Rana & Khan, Sohail & Saima,. Evaluation of Humic Acid as an Aflatoxin Binder in Broiler Chickens. Annals of Animal Science. 2016, 17. 10.1515/aoas-2016-0050.

# ●● What Differentiates Carboxy from other Binders



Binder / Mycotoxin	Activated Charcoal	Bentonite Clay	Chlorella	Cholestyramine	Diatomaceous Earth	Glucomannan	NAC	Propolmannan	Sacc B	Welchol	Zeolite	Carboxy Powder/ Biotoxin Binder
Aflatoxin	X	X	X		X	X					X	X
Chaetoglobosin	?	?	?	?			?		?			X
Enniatin B		X							X			X
Gliotoxin		X					X	X	X			X
Ochratoxin	X			X	X	X				X	X	X CT-Spore
Trichothecene	X	?				X					X	X
Zearalenone		X							X			X

Modified from <https://www.betterhealthguy.com/episode122>

# ●● Carboxy Dosage

## Sensitive Dosage

- 1/2 scoop

## Standard Dosage

- Start with 1scoop (1/8 teaspoon) and work up to 8 scoops (1 teaspoon)

## Children Dosage

- 1/2 scoop or less under 5 years old
- Work up to 1full scoop of kids over 5 years old

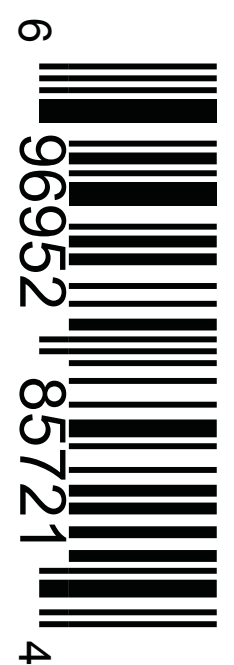
## How to take Carboxy:

- Add Carboxy to water (or juice), or can be taken with food



# ●● Carboxy Label

Distributed by: **CellCore Biosciences**  
3750 E. Pewee Falls St., Ste 100 Meridian, ID 83642




§ 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.

**Directions:** Use 1 scoop (~2.5g) of Carboxy per 8 oz. of water once daily or as otherwise directed by a healthcare practitioner.

**Warning:** Please consult your healthcare practitioner before use if you are pregnant, breastfeeding, or considering use for a child.

**STORE IN A COOL, DRY PLACE.  
KEEP OUT OF REACH OF CHILDREN.**

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.




## Carboxy

MICROBIOME & IMMUNE SUPPORT

~200g

DIETARY SUPPLEMENT



### Supplement Facts

Serving Size: 1scoop (~2.5g)  
Servings Per Container: Approx. 80

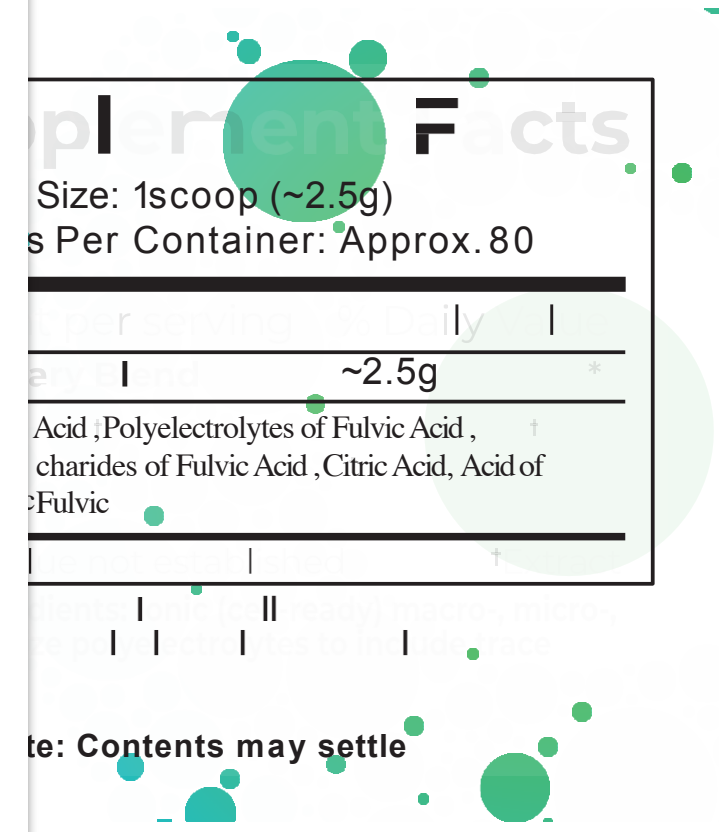
Amount per serving	% Daily Value
<b>Proprietary Blend</b>	<b>~2.5g</b> *
Humic Acid, Polyelectrolytes of Fulvic Acid, Polysaccharides of Fulvic Acid, Citric Acid, Dibasic Acid of Fulvic	†

\*Daily Value not established. †Extract

**Other ingredients:** Ionic (cell-ready) macro-, micro-, and nano-size polyelectrolytes to include trace minerals

Please note: Contents may settle

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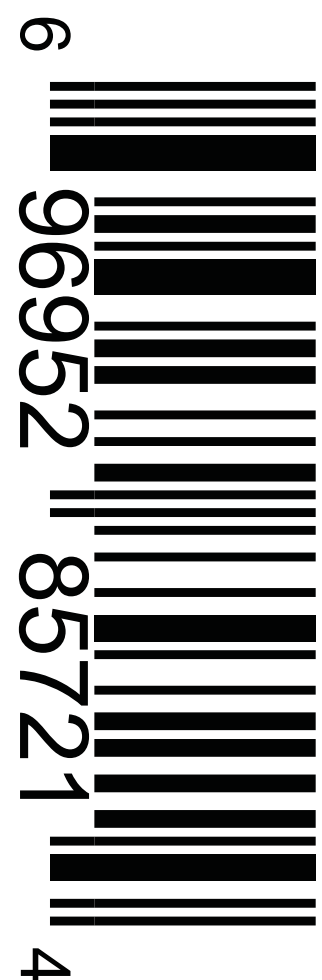
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≈ [www.cellcorebiosciences.com](http://www.cellcorebiosciences.com)

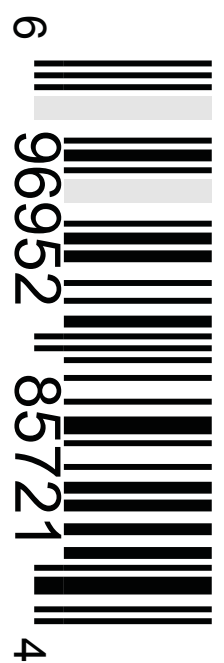


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\*Daily Value not established. †Extract  
 Other ingredients: Ionic (cell-ready) macro-, micro-, and nano-size polyelectrolytes to include trace minerals

Please note: Contents may settle

# ●● When to take Carboxy

- Can be taken same time as HM-ET Binder, Biotoxin Binder, or ViRadChem Binder

- Take at least an hour away from Para 1

- Can take with food and most other supplement



# ●● Carboxy FAQ

## When to add this into the protocol?

- Can be added into any phase of protocol, but typically phase 4 if deeper detox as needed





# ●● Carboxy FAQ

## Any anticipated symptoms with taking it?

- You may experience common detox symptoms:
- Headaches, light headed
- Constipation/Diarrhea
- Rashes (body trying to clear toxins)

## How to minimize symptoms?

- Start slow and work up to full dosage if you experience any detox symptoms
- **Add in Inflammation Control**
- Support drainage
  - KL Support, Advanced TUDCA, LymphActiv
- Make sure the bowels are moving
  - Bowel Mover



# ●● Carboxy FAQ

## Who can benefit from using Carboxy?

- Someone living in mold currently or in the past
- Someone who has or has had breast implants
- Someone who has high ammonia levels from parasites, Lyme, or other pathogens
- Someone who has high environmental toxin exposure





# ●● Carboxy FAQ

## How long do you take Carboxy?

- 60-90 days (1 tub) or longer depending on someone's toxicity level

## Is it ok to give to animals?

- 40 lbs dog 1/2 a scoop mixed in food
- Cats 1/4 scoop mixed in food

## What is best way to clean up Carboxy if it gets spilled

- Do not clean up with water. Use a vacuum cleaner or broom to pick up as much of the powder as possible.



## ●● Results

"After dealing with chronic inflammatory response syndrome from biotoxigenic mold illness for 7 years and trying every binder on the market, Carboxy was by far the strongest and best binder I used. Carboxy took my detox to a whole new level. One of my mold symptoms was arthritic symptoms in my fingers, on the 1st days of Carboxy my fingers flared worse than they had been and since that week the intermittent arthritis has completely and totally resolved. I feel Carboxy was pulling out deeply hidden mold from my body that other binders could not reach. It is a product I would recommend to anyone dealing with mold illness - I truly appreciate this product."

Testimony from a patient of Dr. Jaban Moore



# ●● Available to order

**Wholesale Price: \$85.00**

**MAP Price: \$150.00**

Available to order today!!!

This product is only available as a wholesale order.  
Not available with patient direct code.

**You only can see when logged in as a practitioner.**



Supplement Facts	
Serving Size: 1 scoop (~2.5g)	
Servings Per Container: Approx. 80	
Amount per serving	% Daily Value
<b>Proprietary Blend</b>	~2.5g
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*Daily Value not established.	
Other ingredients: Ionic (cell-ready) macro, micro, and nano-size polyelectrolytes to include trace minerals	
Please note: Contents may settle	



# ●● Carboxy recap

- Carbon Technology
- Extra strength version of Biotoxin Binder
- Great for tough mold and fungus clients, high ammonia, high industrial toxin load.
- Carboxy is usually for a shorter time period.





# CT-Spore





# ●● Respirate your Gut Bacteria

- Drink 16 oz. of water upon rising



nature > nature communications > articles > article

Article | [Open Access](#) | [Published: 26 November 2020](#)

## Vitamin D metabolites and the gut microbiome in older men

Robert L. Thomas, Lingjing Jiang, John S. Adams, Zhenjiang Zech Xu, Jian Shen, Stefan Janssen, Gail Ackermann, Dirk Vanderschueren, Steven Pauwels, Rob Knight, Eric S. Orwoll & Deborah M. Kado 

*Nature Communications* **11**, Article number: 5997 (2020) | [Cite this article](#)

**83k** Accesses | **278** Altmetric | [Metrics](#)

### Abstract

The vitamin D receptor is highly expressed in the gastrointestinal tract where it transacts gene expression. With current limited understanding of the interactions between the gut microbiome and vitamin D, we conduct a cross-sectional analysis of 567 older men quantifying serum vitamin D metabolites using LC-MSMS and defining stool sub-Operational Taxonomic Units from 16S ribosomal RNA gene sequencing data. Faith's Phylogenetic Diversity and non-redundant covariate analyses reveal that the serum



# ●● Germ Theory vs. Terrain Theory

## GERM THEORY

- Louis Pasteur
- Bacteria are contagious
- We get exposed to bacteria and we get sick
- Our immune system is weak and we need vaccinations

## TERRAIN THEORY

- Antoine Béchamp
- Bacteria show up for a specific reason
  - Purpose is breaking down toxins
- Bacteria are nature's way of breaking things down
- Toxicity is a main reason why people struggle to get over chronic infection

### Big Picture Solutions

- Bring down overall pathogen/ parasite load
- Detox the body (remove food for the bug)



# ●● Problematic Toxins we were seeing Clinically

We were finding certain toxins were not  
being detoxed effectively from the body





## ●● o-Xylene

- Toxic industrial solvent

J Toxicol Environ Health A . 1999 Nov 12;58(5):299-312. doi: 10.1080/009841099157269.

<https://pubmed.ncbi.nlm.nih.gov/10598955/>

Xylene poisoning <https://www.atsdr.cdc.gov/MMG/MMG.asp?id=291&tid=53>



# ●● Diesel Exhaust Particles

- Air pollution
  - Diesel range organics (DRO) includes hydrocarbons from C10-C28

J Occup Environ Hyg . 2016 Jul;13(7):549-57. doi: 10.1080/15459624.2016.1153802.

<https://pubmed.ncbi.nlm.nih.gov/26891343/>



# ●● Polychlorinated Biphenyls (PCB)

- Banned but still in environment
  - Found in electrical equipment, wall coverings, paints and plastic.
- Environ Pollut .2017 Oct;229:837-845. doi: 10.1016/j.envpol.2017.06.088. Epub 2017 Jul 31. <https://pubmed.ncbi.nlm.nih.gov/28774553/>
- Crit Rev Toxicol. 2015 Mar; 45(3): 245–272. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4383295/>



## ●● Other Toxins

- BPA (Bisphenol A) - plastics
- Adipic Acid - used in manufacturing (PVC, nylon, polyester, etc.)
- Perfluorononanoic acid (PFNA) - industrial toxin
- Perfluorooctanesulfonic Acid (PFOS) - chemical used in textiles, paper, paints and cleaning products
- Perfluorooctanoic acid (PFOA) - chemical in dyes, detergents, non-stick cookware, water resistant carpet and fabrics





## ●● Other Toxins Continued

- Polyethylene - chemical in liquid and food containers
- Polymethylpentene - coating in food containers
- Polypropylene - chemical in plastic food containers
- Polystyrene
- 1,2,5,6,9,10-Hexabromocyclohexane - flame retardant
- Isopropanol - solvent (chemical intermediate)

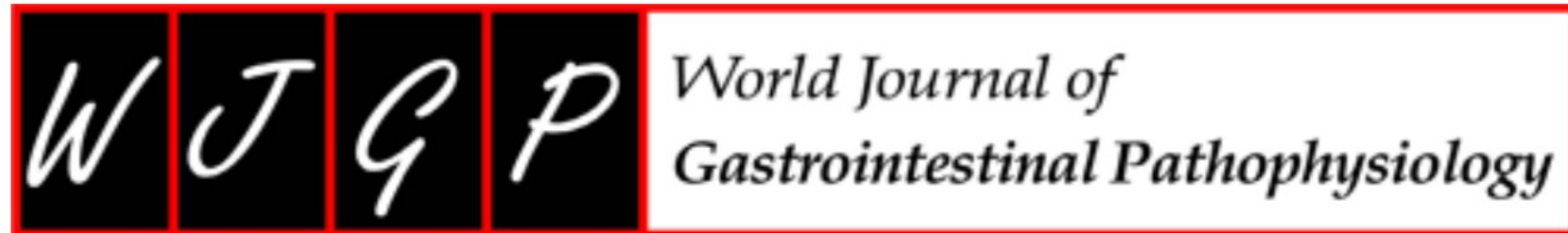


# ●● Agency for Toxic Substances & Disease Registry (ATSDR)

- Acrolein
- Acrylonitrile
- Bromomethane
- Benzene
- 1,3-Butadiene
- Sodium Hydroxide
- Toluene
- Tetrachloroethylene (PERC)
- Trichloroethylene (TCE)
- Vinyl Chloride
- <https://www.atsdr.cdc.gov/>







[World J Gastrointest Pathophysiol](#). 2017 Aug 15; 8(3): 117–126.

PMCID: PMC5561432

Published online 2017 Aug 15. doi: [10.4291/wjgp.v8.i3.117](https://doi.org/10.4291/wjgp.v8.i3.117)

PMID: [28868181](https://pubmed.ncbi.nlm.nih.gov/28868181/)

## Oral spore-based probiotic supplementation was associated with reduced incidence of post-prandial dietary endotoxin, triglycerides, and disease risk biomarkers

[Brian K McFarlin](#), [Andrea L Henning](#), [Erin M Bowman](#), [Melody A Gary](#), and [Kimberly M Carbajal](#)

▶ [Author information](#) ▶ [Article notes](#) ▶ [Copyright and License information](#) [Disclaimer](#)

This article has been [cited by](#) other articles in PMC.

### Abstract

Go to:

#### AIM

To determine if 30-d of oral spore-based probiotic supplementation could reduce dietary endotoxemia.

#### METHODS

Apparently healthy men and women ( $n = 75$ ) were screened for post-prandial dietary endotoxemia. Subjects whose serum endotoxin concentration increased by at least 5-fold from pre-meal levels at 5-h



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Subjects whose serum endotoxin concentration increased by at least 5-fold from pre-meal levels at 5-h post-prandial were considered “responders” and were randomized to receive either placebo (rice flour) or a commercial spore-based probiotic supplement

5 *Bacillus* species for 30 days. The dietary endotoxemia test was repeated at the conclusion of the supplementation period.

We found that spore-based probiotic supplementation was associated with a 42% reduction in endotoxin and 24% reduction in triglyceride in the post-prandial period

We also found that spore-based probiotic supplementation was associated with significant post-prandial reductions in IL-12, IL-1 $\beta$  and less ghrelin.

Reduces symptoms indicative of “leaky gut syndrome”.





# ●● 3 Different Ways the Body Detoxes

## **Binding (Covalent or ionic bonds)**

- BioToxin binder
- HM-ET binder
- ViRadChem binder

## **Liver**

- Phase 1 and 2
- Glutathione
  - NRF2 pathway- recycling glutathione
- Advanced TUDCA, Inflammation Control

## **Gut**

- Bacteria in our gut breaks down toxins and produce enzymes and vitamins to clear toxins
  - CT-Spore



# ●● Benefits of Spore-Based Probiotic

Long Shelf Life

Does NOT need to be refrigerated

**Probiotics build minerals and vitamins to build enzymes**

**Enzymes built by the probiotics are what help to break down toxin in the gut**

**Each microbe will make different enzymes to break down different toxins**

Increase healthy microbial diversity in the gut

Supports your efforts to clear microbial pathogens and parasites



# ●● Ingredients

## Supplement Facts

Serving Size: 2 capsules  
Servings Per Container: 60

Amount Per Serving	% Daily Value	
<b>Proprietary Blend</b>	500 mg	*
Organic Coconut Flour, Humic Acid†, Polyelectrolytes of Fulvic Acid†, Polysaccharides of Fulvic Acid†, Dibasic Acid of Fulvic, Humin†		
<b>Probiotic Blend</b>	2.39 billion CFUs	*
Enterococcus Faecium, Lactobacillus Planatarum, Bifidobacterium Longum, Lactobacillus Acidophilus, Lactobacillus Reuteri, Lactobacillus Casei, Lactobacillus Rhamnosus, Bifidobacterium Bifidum, Bacillus Subtilis, Saccharomyces Cervisiae, Saccharomyces Boulardii, Bacillus Coagulans		
*Daily Value not established.		†Extract

**Other ingredients: HPMC (vegetable capsule)**

Distributed by:  
**CellCore Biosciences**  
3750 E. Pewter Falls St., Suite 100  
Meridian, ID 83642



## CT-Spore

PROBIOTIC GUT SUPPORT

120 CAPSULES | DIETARY SUPPLEMENT

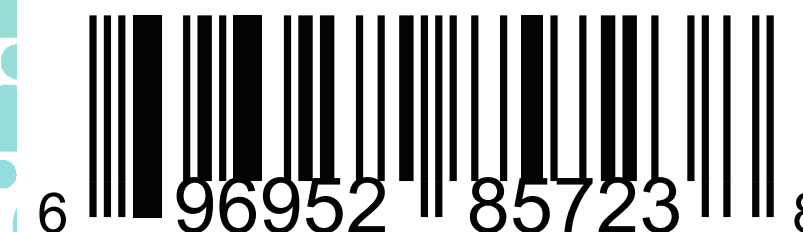


**Directions:** Take 2 capsules twice daily or as otherwise directed by a healthcare practitioner.

**Warning:** Please consult your healthcare practitioner before use if you are pregnant, breastfeeding, or considering use for a child.

**STORE IN A COOL, DRY PLACE.  
KEEP OUT OF REACH OF CHILDREN.**

§ 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.



Contains 12 Different Researched Backed Probiotic Strains



# ●● Enterococcus Faecium

## Key benefits:

- Reduces intestinal pathogens
- Improves intestinal barrier integrity
- Is being studied as an antibiotic replacement to replace drug resistant pathogens

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6088202/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6085487/>



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# ●● Lactobacillus Plantarum

## Key benefits:

- Helpful for IBS and IBD
- Immunity boosting
- Shown to help heal leaky gut
- Helps skin conditions such as dermatitis
- Decreases potential of kidney stone by helping to break down calcium oxalates
- Obesity prevention and cardiovascular support

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4705246/>



# ●● Bifidobacterium Longum

## Key benefits

- A “multifunctional” probiotic that’s effective in alleviating gastrointestinal dysfunction
- Immunological and infectious diseases
- Relieving constipation (especially in elderly)
- Normalizes bowel function and frequency
- Lessens the negative impact of antibiotics on gut bacteria
- Improves upper respiratory infections
- Reduces allergies

<https://www.sciencedirect.com/science/article/pii/S1756464619300684>



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# ●● Lactobacillus Acidophilus

## *Key benefits:*

- Feminine health (may prevent/treat bacterial vaginosis and yeast infections)
- Prevents travelers diarrhea
- May reduce LDL cholesterol concentrations
- Reduce allergies (pollen, eczema, lactose intolerance)

<https://ods.od.nih.gov/factsheets/Probiotics-HealthProfessional>

<http://pennstatehershey.adam.com/content.aspx?productid=107&pid=33&gid=000310>



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# ●● Lactobacillus Reuteri

## Key benefits:

- Anti-inflammatory
- Anti-viral
- Anti-microbial
- Supportive for autoimmune conditions and leaky gut
- May help increase B12 levels in deficient diets.

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5917019/#:~:text=Lactobacillus%20reuteri%20\(L...%2C%20skin%2C%20and%20breast%20milk.](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5917019/#:~:text=Lactobacillus%20reuteri%20(L...%2C%20skin%2C%20and%20breast%20milk.)

<https://mail.google.com/mail/u/0/?tab=rm#inbox/FMfcgxwKhqlbJPMjnNSPbXDHrTtHkBzh?projector=1&messagePartId=0.0>



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# ●● Lactobacillus Casei

## Key benefits:

- Enhanced brain function via the vagus nerve
- Anticancer activity (reduction in tumor size)
- Improved intestinal barrier function
- Pathogen resistance
- Immune modulation
- Weight management

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6160870/#B59>

<https://www.tandfonline.com/doi/full/10.3402/fnr.v59.29273>



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# ●● Lactobacillus Rhamnosus

## Key Benefits:

- Mental health- Shown to help decrease anxiety and depression symptoms
- Most researched probiotic strain for gut health
- Weight management
- Women's health: vaginal infections and UTI prevention
- Allergies
- Skin health, leaky gut
- General intestinal health
- Lung health

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6160870/#B59>  
<https://pubmed.ncbi.nlm.nih.gov/24830455/> <https://>

[www.ncbi.nlm.nih.gov/pmc/articles/PMC6747158/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6747158/)



# ●● Bifidobacterium Bifidum

## Key benefits:

- Alleviates IBS symptoms
- Immune modulating properties
- Tumor suppressing activity in colon cancer
- Effective in healing gastric ulcers
- Anti-carcinogenic

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5037818/>

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1365-2036.2011.04633.x>



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# Bacillus Subtilis

## ●● Bacillus Subtilis

### *Key benefits:*

- Strong anti-inflammatory potential
- Strengthens intestinal barrier function
- Strong anti-microbial activity
- Immune stimulation
- Decreases harmful bacteria
- Particularly helpful for food-borne illnesses

<https://www.frontiersin.org/articles/10.3389/fimmu.2019.00564/full>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6711872/>



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# ●● Saccharomy Cerevisiae

## Key benefits:

- Detoxification of mycotoxins
- Anti-oxidative properties
- Anti-tumor
- Anti-mutagenic
- Anti-inflammatory
- Helps with recovery from antibiotics

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3257658/>

<https://www.sciencedirect.com/science/article/abs/pii/S1473309906704959> <https://www.webmd.com/vitamins/ai/ingredientmono-1185/bacillus-coagulans#:~:text=Bacillus%20coagulans%20is%20a%20type.and%20diarrhea%20caused%20by%20antibiotics.>



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# ●● Saccharomyces Boulardii

## Key benefits:

- Anti-inflammatory benefits in IBD
- Reduction of *Helicobacter pylori* treatment-related symptoms
- Prevention of *C. difficile* disease recurrences
- Helpful for acute adult diarrhea

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2868213/>



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# ●● Bacillus Coagulans

## Key benefits

- Used for general digestion problems
  - Especially those that lead to diarrhea
- Also used to help alleviate IBS
- Inflammatory bowel disease
- Decrease gas and bloating
- Shown helpful to clear Clostridium difficile colitis
- Decrease excessive growth of 'bad' bacteria in the intestine
- May ramp up the immune system
- Possible prevention of respiratory infections and cancer or cancer-causing agents

<https://www.webmd.com/vitamins/ai/ingredientmono-1185/bacillus-coagulans#:~:text=Bacillus%20coagulans%20is%20a%20type.and%20diarrhea%20caused%20by%20antibiotics.>

<https://journals.sbmu.ac.ir/afb/article/view/23958/pdf>



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# Organic Coconut Flour

## ●● Organic Coconut Flour

### *Key benefits:*

- Prebiotic for probiotics
- Keeps blood sugar stable
- Rich in nutrients and beneficial fats
  
- May improve heart health
- It may have antibacterial properties
  
- Aids in digestion
- Weight loss support

<https://www.sciencedirect-com.ezproxy1.lib.asu.edu/science/article/pii/S1466856406000452>

<https://www.healthline.com/nutrition/coconut-flour#benefits>



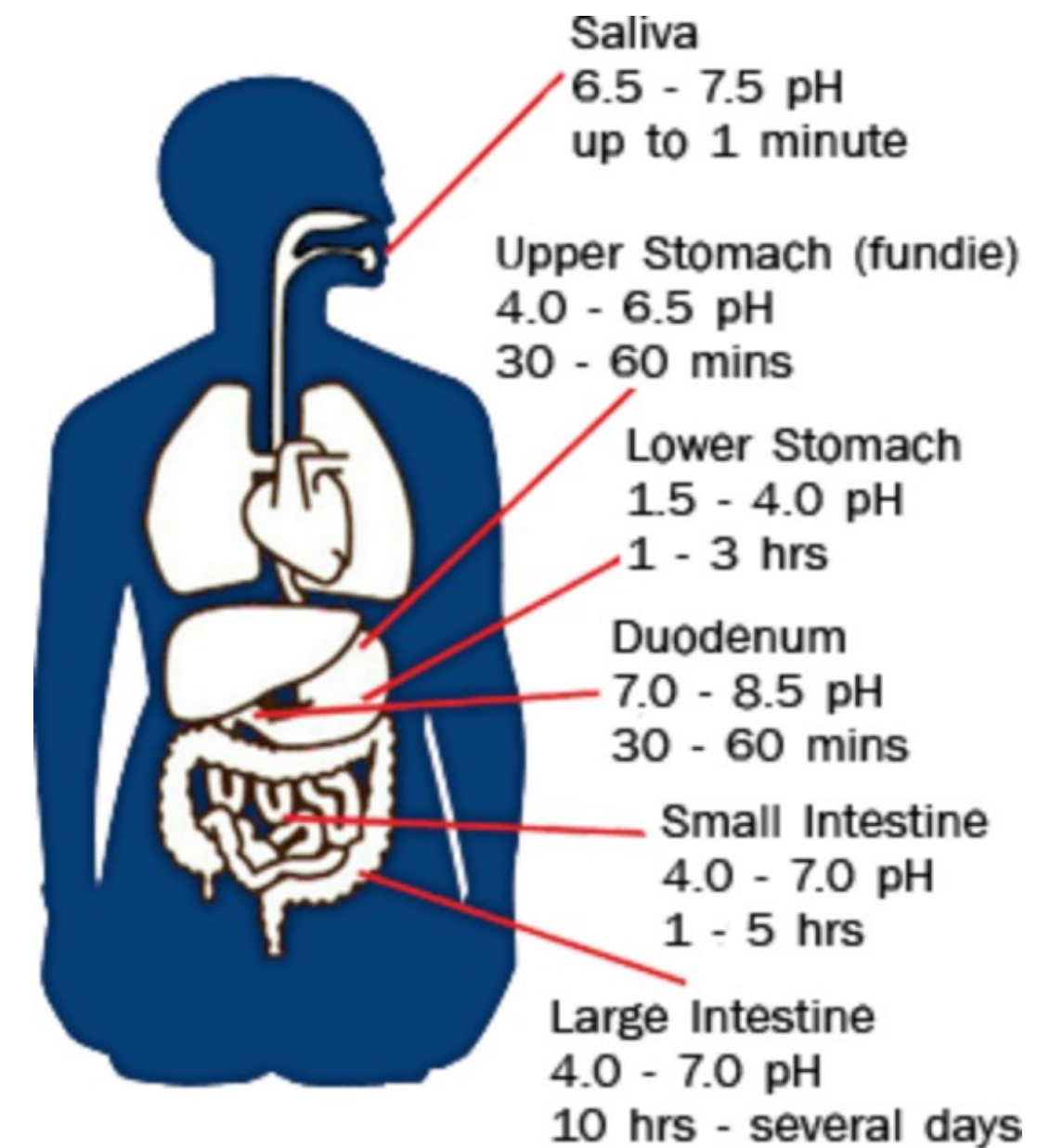
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# ●● Why is Carbon Technology in CT-Spore

- Protects spores from harsh environment (stomach acid, bile, and toxins)
- pH goes from neutral to acidic and back again
- Provides different pH's as different spores need different pH's
- Provides prebiotic for spores

<https://www.alleganynutrition.com/supporting-pages/the-human-digestive-tract-ph-range-diagram/>



This diagram illustrates the average time food spends in each part of the digestive system along with the average pH.

# ●● Carbon Technology Research

“Fulvic acid + probiotics combination shows great potential to be antibiotics substitution”.

Lien, N.. “Effects of Fulvic Acid and Probiotic on Growth Performance, Nutrient Digestibility, Blood Parameters and Immunity of Pigs -.” *Journal of Animal Science Advances* 2 (2012): 711-721.  
<https://www.semanticscholar.org/paper/Effects-of-Fulvic-Acid-and-Probiotic-on-Growth-and-Lien/0f358351ac11501cc50c79f1625a3c928986757b?p2df>



# ●● CT-Spore Dosage

**Sensitive Dosage** - 1/2 cap 2x per day

**Standard Dosage** - 2 cap 2x per day

**Aggressive Dosage** - 4 caps 2x per day

**Children Dosage** - 1cap per day

## What time of day do you take it

- Best with food, breakfast and dinner
- If fasting, it is fine to take on an empty stomach





# ●● When to add in CT-Spore

Phase 3 in Comprehensive Protocol

- or -

Step 4 of Foundational Protocol





# ●● CT-Spore FAQ

## What does this need to be taken away?

- It is best taken away from Mimosa Pudica Seed (Para 1) and formulas with anti-microbial properties

## Can they be taken with antibiotics?

- Best taken minimum of 2 hours away



# ●● CT-Spore FAQ

## How long do I take it for?

- 4 months then take 1-2 months off

## Is it ok to take CT-Spore for that long?

- Yes, because bacteria are supporting detox
- Removing bad toxins allows good beneficial bacteria to proliferate

## Can I open up capsules?

- Yes, you can open up capsule and add to water or food



# ●● CT-Spore FAQ

## Any anticipated symptoms with taking it?

- You may experience common detox symptoms:
- Pathogen die off
- Gas or bloating
- Constipation or diarrhea

## How to minimize?

- Start slow and work up to full dosage
- Support drainage
  - KL Support, Advanced TUDCA, LymphActiv
- Make sure bowels are moving
  - Bowel Mover
- Support Binding
  - BioToxin, ViRadChem, or HM-ET



# ●● What we are seeing clinically

It is important to be on a binder along with CT-Spore to help bind and clear toxins

- ViRadChem best all around
- BioToxin binder best if someone has a lot of environmental toxins
- HM-ET best for pesticides





# ●● Available to Order

**Wholesale Price: \$35.00**

**MAP Price: \$69.95**

Available to order today!!!



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# ●● CT-Spore Recap

- Contains 4 different Carbons
- Spores that survive the harsh environment of the digestive track
- 12 strains that detox the body by building detox supporting vitamins, minerals, and enzymes.

