

C-DIFFENSE



CLINICAL APPLICATIONS

- Current Antibiotic Rx
- Diarrhea-predominant IBS/ Fragile Digestive Tract
- C- difficile Toxin
- Acute or Chronic Gastroenteritis
- Colitis, including Pseudo-membranous
- Acute Diarrhea in Infantss

Health Tools® in collaboration with renowned microbiology company Institut Rosell, is the first verified strain of Saccharomyces boulardii (SB), C-DIFFense. The strain of SB in C-DIFFense has been researched extensively in American and European Universities and has been published in many peer-reviewed, and major scientific journals. C-DIFFense has been shown to promote overall intestinal health.

All Health Tools® Formulas Meet or Exceed cGMP Quality Standards

DISCUSSION

C-DIFFense is manufactured by Institut Rosell®, who employs a proprietary production process that does not require lactose to be in the formula. C-DIFFense is perfect for patients who are dairy/ lactose intolerant and safe for infants through elderly. However, as a precaution, it is not recommended to give probiotics to severely immunodepressed patients, people who have recently had cardiac, oral or gastrointestinal surgery, patients presenting with pancreatic dysfunction or bloody diarrhea, patients under radiation therapy, or infants with short bowel syndrome.

Saccharomyces Boulardii has the following three mechanisms of action: 1.) Serves as an anti-toxin against bacterial toxins. 2) Stimulates immune cells of the intestinal mucosa. 3) Modulates the release of polyamines that repair intestinal health.

The large surface area of this special yeast's mannose-dominant outer membrane allows it to bind bacteria such as E. coli and Salmonella ssp., preventing the bacteria from adhering to the intestinal epithelium and possibly expelling these pathogens from the body via the stool.

Clostridium difficile-infected mice given Sb were protected from the infection. Castex and his colleagues explained that the yeast inactivated the Clostridium toxin. In another similar experiment Qamar demonstrated a fourfold increase in specific IgA in mice administered C difficile toxin A after pre-treatment with Sb.

In a placebo-controlled study on the use of Sb to prevent Antibiotic Associated Diarrhea, (AAD) the percentage of patients who experienced the problem in the placebo group compared to the Sb-treated group was 21.8% compared to only 9.5%. Another study by Marteau showed that the Sb treatment cut the risk of AAD in half.

Saccharomyces has been extensively researched and published in European and American peer-reviewed journals. (Please see references for studies cited, as well as a portion of those in the literature)

HPMC is hydroxypropylmethylcellulose, the highly purified, hypo-allergic, non-GMO form of cellulose that is physiologically inert. It is what constitutes the capsule.

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C-DIFFENSE



Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 60

	Amount Per Serving	%Daily Value
<i>Saccharomyces boulardii</i> (5 billion live organisms)	250 mg	**
** Daily Value not established.		

Other Ingredients: HPMC (vegetable capsule), dicalcium phosphate, microcrystalline cellulose, stearic acid, magnesium stearate and silica.

Europe Patent Pending #05425084.0

DOSAGE:

The general recommendation is one capsule twice a day or as directed by the health care practitioner. The dose is the same regardless of age. C-DIFFense may be taken at the same time as an antibiotic.

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STORAGE:

Do not refrigerate. Keep tightly covered in cool, dry place.

CAUTION:

Not for use by infants under six months of age. Do not use if you have been diagnosed with immunosuppression or are taking immunosuppressants. 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.

