



# Renadyl™ Product Information Sheet



**A Pioneering  
Product of  
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## PROBIOTICS

Renadyl™ is an oral proprietary dietary supplement that has been scientifically formulated and clinically tested to help support bloodstream concentrations of nitrogenous waste metabolites in the bowel and also stabilize healthy gut flora. Our probiotics formulation of S.thermophilus (KB19), L.acidophilus (KB27) and B. longum (KB31) targets at metabolizing nitrogenous wastes that diffuse from the blood-stream into the bowel. These naturally occurring beneficial microbes have high affinity to metabolize and thus consume the targeted nitrogenous waste products.\*

## PREBIOTICS

Renadyl™ also contains the psyllium seed husk which is considered a prebiotic component. Generally a probiotic component like Psyllium seed husks are indigestible until they reach the bowel where it is used as a food for the trillions of microbes present in the large bowel. Hence, prebiotics are often used as a source of dietary fiber and largely used in all dietary supplements. These dietary fibers are often used and clinically reported to relieve symptoms of constipation, diarrhoea and health conditions related to irritable bowel syndrome, diverticular disease, etc.,\*

## WHAT NITROGENOUS WASTE PRODUCTS ARE TARGETED?

The nitrogenous waste products targeted by Renadyl™'s formulation include several metabolites. Some of these are urea, uric acid, creatinine, indoles, phenols, nitrosoamines and several other nitrogenous wastes products.\*

## DOSAGE AND ADMINISTRATION

One to three capsules daily with every meal or as recommended by your physician.

## SIDE-EFFECTS OR REACTIONS

Probiotics are generally regarded as safe for consumption. The gel cap product is more efficacious when taken immediately after each meal. Side effects, if they occur, are mild (such as gas or flatulence) and usually disappear after two or three weeks of continuous usage.

## RENADYL™ TECHNOLOGY-HOW IT WORKS?

The mechanism takes place in the large intestines. As the kidney's function slows down, nitrogenous wastes build up in the blood and diffuse into the intestinal fluid by natural physiological process.

1. The nitrogenous wastes diffuse into the colon via an extensive network of blood vessels.
2. Probiotic microbes enter the large intestine into the ileo-caecal region.
3. Once in the colon, the microbes target and metabolize the uremic nitrogenous wastes as nutrients for its growth.
4. The microbes begin to multiply, and this in turn allows for even greater diffusion of nitrogenous wastes from the circulating blood stream into the bowel.
5. The "nitrogenous waste/microbe" metabolites are eventually eliminated from the body as solid waste/fecal matter.

## PROPRIETARY PROBIOTIC FORMULATION OF RENADYL™

Supplement Facts		
Serving Size: 1 Capsule		
Servings per Container: 90		
	Amount Per Capsule	% Daily Value
Proprietary Blend	30 Billion CFU*	**
S.Thermophilus (KB 19)		
L.Acidophilus (KB 27)		
B.Longum (KB 31)		
*CFU = Colony Forming Unit		
**Daily Value not Established		

## ACID-PROOF ENTERIC PROTECTED CAPSULES

### \*FDA STATEMENT

These statements have not been approved by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease. Results may vary.

# Renadyl™ FAQ

## Q. Are there any side effects?

The only side effects experienced by patients in our safety trials was minor bloating that disappeared in about a week while they continued taking the supplement.

## Q. Can your product replace dialysis?

No, it cannot replace dialysis. RENADYL™ is not a drug, medicine or device. It helps to maintain healthy kidney function.

## Q. Why are RENADYL™'s microbes more effective than other probiotics for ingesting uremic toxins?

Our clinical studies have shown that our 3 strains of probiotics have higher affinity for urea and uremic acids. These 3 strains are specially selected and will metabolize the nitrogenous waste in the body. They are also enteric coated which renders them unaffected by stomach acids, thus improving efficiency.

## Q. Are these genetically modified microbes?

No, they are natural microbes.

## Q. What are some of the toxins metabolized by the product?

The microbes in question demonstrate a strong affinity for many of the nitrogenous wastes which accumulate in the blood in the event of kidney failure: urea, uric acid, creatinine, indoles and phenols, nitrosamines and their precursors. RENADYL™ however does not remove ammonia/phosphate.

## Q. Can I take antibiotics with this product?

You can take probiotics during antibiotic treatments. Probiotic supplements should be taken four hours after the antibiotics. Probiotic use should not interfere with the effectiveness of antibiotics.

## Q. Is the product toxic?

An animal formulation has been on the market for kidney compromised cats and dogs since 2006. No adverse effects in these animals have been observed. Recently completed results from human clinical trials have reaffirmed this safety.

## Q. Is RENADYL™ FDA approved?

FDA regulates dietary supplements under a different set of regulations than those covering "conventional" foods and drug products (prescription and Over-the-Counter). Under the Dietary Supplement Health and Education Act of 1994 (DSHEA), the dietary supplement manufacturer is responsible for ensuring that a dietary supplement is safe before it is marketed. FDA is responsible for taking action against any unsafe dietary supplement product after it reaches the market. Generally, manufacturers do not need to register their products with FDA nor get FDA approval before producing or selling dietary supplements. Manufacturers must make sure that product label information is truthful and not misleading. The probiotic ingredient strains used in our proprietary, patented formulation are considered safe under Generally Recognized as Safe (GRAS) classification by the FDA.

## Q. How is the product manufactured?

The product is manufactured adhering to Current Good Manufacturing Practices (cGMPs). cGMP regulations are enforced by the US Food and Drug Administration (FDA). cGMPs provide for systems that assure proper design, monitoring, and control of manufacturing processes and facilities. Adherence to the cGMP regulations assures the identity, strength, quality, and purity of products by requiring that manufacturers adequately control manufacturing operations.

