

Introduction

—Rice Kefiran—

Rice Kefiran is a non-dairy sourced *Lactobacillus kefiranofaciens* product, which provides remarkable prebiotic and biogenic functions. *Lactobacillus kefiranofaciens* is a key lactobacillus in Kefir, the fermented milk known for its health and beauty benefits in the Caucasus region.



Kefiran, the major component of kefir provides functions such as, anti-arteriosclerotic action, lipid metabolism improving action, suppression of blood glucose elevation, hypotensive action, and improvement in digestive action and controlling of intestinal function.

Key Words;

Kefir: A traditional fermented milk beverage in the Caucasus region.

L. kefiranofaciens: A key lactobacillus in kefir, which produces kefiran. Purely cultured in rice medium to produce Rice Kefiran.

Kefiran: A viscous polysaccharide demonstrating broad efficacy as a health food.

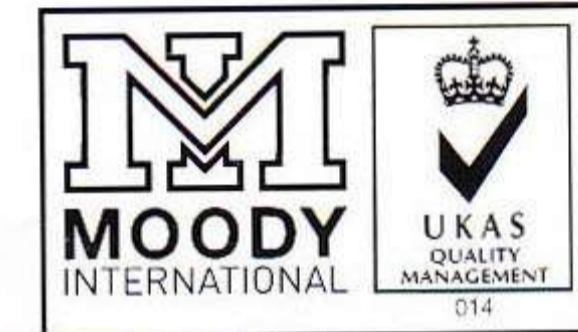
Effective for

Keep your digestive system working in harmony
Support immune health and intestinal balance
People who are conscious of lifestyle related diseases
Do-It-Yourself cures

Warning: Consult with your health care professional prior to usage if you are pregnant, nursing, are being treated for any medical conditions, or are taking any medications.

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Daiwa Pharmaceutical Co., Ltd.



9001:2000 certified
Tsukuba plant: 9001+HACCP

e-mail : info@daiwa-pharm.com
http://www.daiwa-pharm.com

1-16-19 Sangenjaya, Setagaya-ku, Tokyo #154-0024 Japan
TEL: +81 3-5430-4070 FAX: +81 3-5787-3780

Rice Kefiran

LK500



ADVANCED PROBIOTIC STRATEGY

Daiwa
Pharmaceutical Co., Ltd.

Functional Benefits



LK500

60 sticks

Recommended intake : 1-2 sticks/day
Rice Kefiran 500mg/ stick
(kefiran content: 5mg/g)



What is LK500?

Rice Kefiran
—Biogenic;

An ingredient working directly on the body; strengthening immunity, and other functions.

Three-pronged Strategy

Clostridium butyricum
—Probiotic;

Bacteria enhance the balance of intestinal flora.

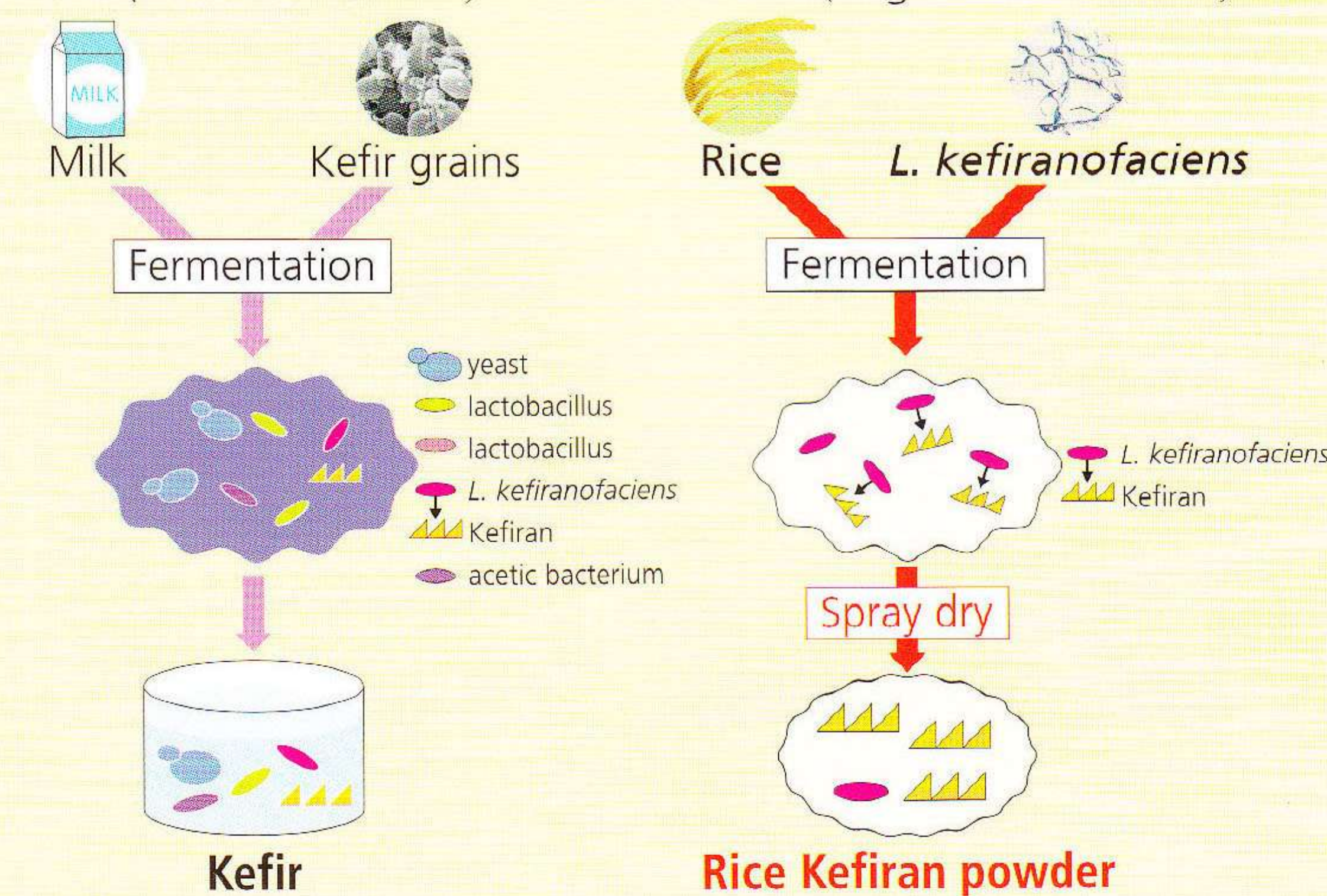
Oligosaccharide
—Prebiotic;

Largely-indigestible oligosaccharide become food for intestinal flora.

Comparing Kefir and Rice Kefiran

Kefir (Animal medium)

Rice Kefiran (Vegetable medium)



Papers on the efficacy of kefiran

*Kabayama S., Osada K., Tachibana H., Katakura Y. and Shirahata S.: Enhancing effects of food components on the production of interferon β from animal cells suppressed by stress hormones., *Cytotechnology*, 23, 119-125 (1997)

*Murofushi M., Shiomi M. and Aibara K.: Effect of orally administered polysaccharide from kefir grain on delayed-type hypersensitivity and tumor growth in mice., *Jpn. J. Med. Sci. Biol.*, 36, 49-53 (1983)

Product Information

- *Contains Rice Kefiran, *Clostridium butyricum*, and oligosaccharide.
- *No lipid, nondairy.
- *No artificial color, flavor, or preservative.
- *Manufactured in GMP certified plant.

FAQ

What is the difference between Rice Kefiran and kefir?

We developed the technologies for *Lactobacillus kefiranofaciens* fermentation to produce Rice Kefiran using rice medium, that has a rich content of kefiran. Rice Kefiran is derived from a specific lactobacillus called *L. kefiranofaciens* in the vegetable components (rice). It is not composed of milk (animal) as kefir and containing almost no lipid. Compared to kefir, kefiran content in Rice Kefiran is 250-fold*.

*1g Rice Kefiran/ 2 sticks: 5mg kefiran=250g kefir: 5mg kefiran

How should I take it?

For adults (60kg/ 132lb), take 1-2 sticks daily, at any time of the day. For children, adjust to his/her body weight.

How is LK500 good for us?

Studies using animals indicate that LK500 improves intestinal environment and lipid metabolism. It is also antiallergic.

How long does it take to see the results?

It varies between individuals. Unlike drugs, LK500 is a dietary food and may take a while to see the sign of improvement. The suggested period is 2-3 months.