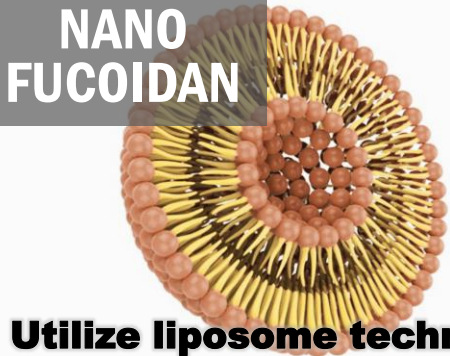



FLORA FUCOIDAN

Selected Okinawan ingredient mix to boost the power of gut




NANO FUCOIDAN

Utilize liposome technology




OKINAWA MOZUKU FUCOIDAN

Immunostimulatory activity



GREEN PAPAYA

Okinawa traditional vegetable



FERMENTED PAPAYA

Encourage Bifidobacterium and lactic acid bacteria growth

- OKINAWA MOZUKU FUCOIDAN**
- NANO FUCOIDAN**
- GREEN PAPAYA**
- FERMENTED PAPAYA**

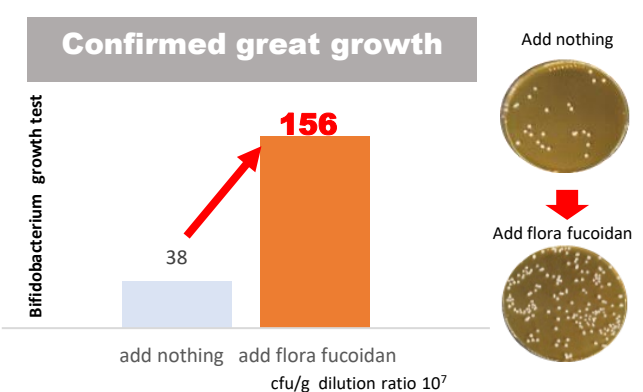
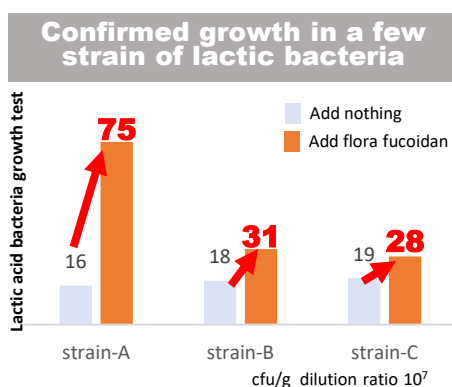
Okinawa mozuku fucoidan has been reported for numerous advantages, immunostimulatory activity anti tumor activity and more. Hopeful for this multiplier effect with the immunity activity lactic acid bacteria has.

By patented technique, encapsulating fucoidan with phospholipids at the nanoscale range. It is expected that the absorption rate will increase, the medicinal properties within the gastrointestinal environment will be protected and the taste of the product will be improved.

In green papaya is rich in vitamins, minerals and polyphenol and eaten as vegetable in Okinawa. Our green papaya powder can be used for dairy product because papain activity is deactivated.

By bio technology extract and lactic ferment numerous active ingredients contained in green papaya. By fermentation, encourage Bifidobacterium growth.

Encourage Bifidobacterium and lactic acid bacteria growth



What is Fucoidan

Fucoidan is a water soluble polysaccharide in a group of brown algae as like mozuku.

Kanehide Bio selected Okinawa mozuku on purpose in brown algae group and refine fucoidan. Because it contain high purity fucoidan and is excellent uniformity.

Fucoidan has reported its numerous advantages by several thesis as like antitumor, immunostimulatory, antiviral, anti helicobacter and improving bloodstream.

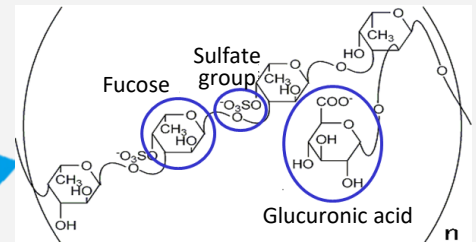
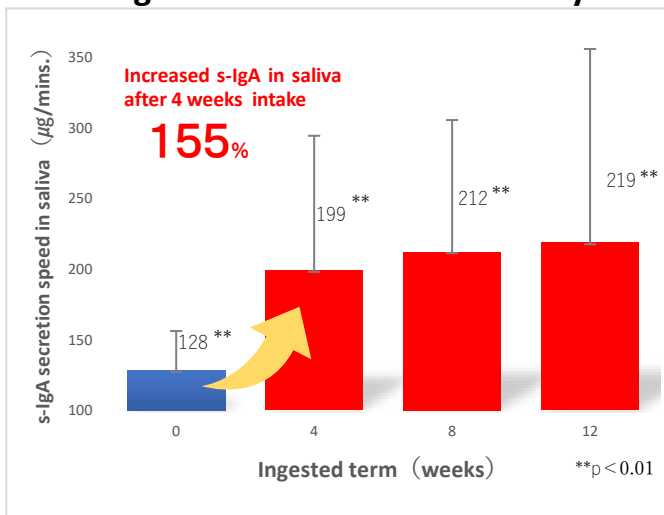


Fig. Structural formula of Fucoidan from Mozuku

Fucoidan is compatible with lactic acid bacteria and Bifidobacterium

Increased secretory component(s-IgA) by ingested fucoidan continuously



Secretory IgA (s-IgA) plays an important role in the protection and homeostatic regulation of intestinal, respiratory, and urogenital mucosal epithelia separating the outside environment from the inside of the body.

s-IgA prevent viral infection or bacterium into upper respiratory tract in oral, expected encourage immune system in oral by increasing amount of secretory IgA (secretion speed). Kanehide Bio Co., Ltd. gain a patent for the use of active which fucoidan encourage secrete s-IgA.(patent number:6446422).

【Test Sample】

- Fucoidan in capsule
 - 5 capsules in a day (contained 1,175mg of Okinawa mozuku extract)
- #### 【Research subjects】
- 22 healthy people (11male, 11 female)
 - From 20 years old to 65 years old (average 42.3 ± 10.4 years old)
 - Slowing secretions of secretory IgA(s-IgA)

Summary of Flora Fucoidan

Product name	Flora Fucoidan
Raw materials	Mozuku extract, dextrin, indigestible dextrin, papaya juice, fermented papaya extract / lecithin (Soybean derived)
Package unit	10kg/box
Best before	2 years after the date manufactured
Final production	Japan (Okinawa)
F o r m	Powder

Quality Items	Quality Standard
Appearance & Properties	Fresh-brown colored powder, No foul smell & taste or foreign material
Viable Bacteria Count	Below $3.0 \times 10^3/g$
Coliform Bacteria	Negative
Water Activity	Below 0.5 Aw

Use example

Supplements for gut health, immune booster or probiotic drinks

Ratio

30% Fucoidan
30% Papaya fruits juice powder
30% Fermented papaya extract powder
10% NANO Fucoidan

You can customize your preference ratio refer the use.



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