

SPARA β CAN

Liquid immune supplements formulated
by veterinarians



D.V.M. Jeung, YG in Anipick R&D Center

Immune Care health supplement for Pet

Increase immunity Health supplements

Made In Korea

AniPick

Sparabetacan Pet

The Sparabetacan pet is a pet immune care health supplement developed and released with liquid beta-clucan extracted from flower mushrooms as the main ingredient.



Effectiveness of the main ingredient (beta-glucan) of Sparabetacan

01. Activation of immune function of T cells and B cells, which are immune cells

- Various viruses, bacterial infections, secondary infections, and neurological diseases.
(Especially effective in preventing secondary infections and rapid immune recovery after surgery)

02. Activates the immune function of normal cells to inhibit the proliferation and recurrence of cancer cells

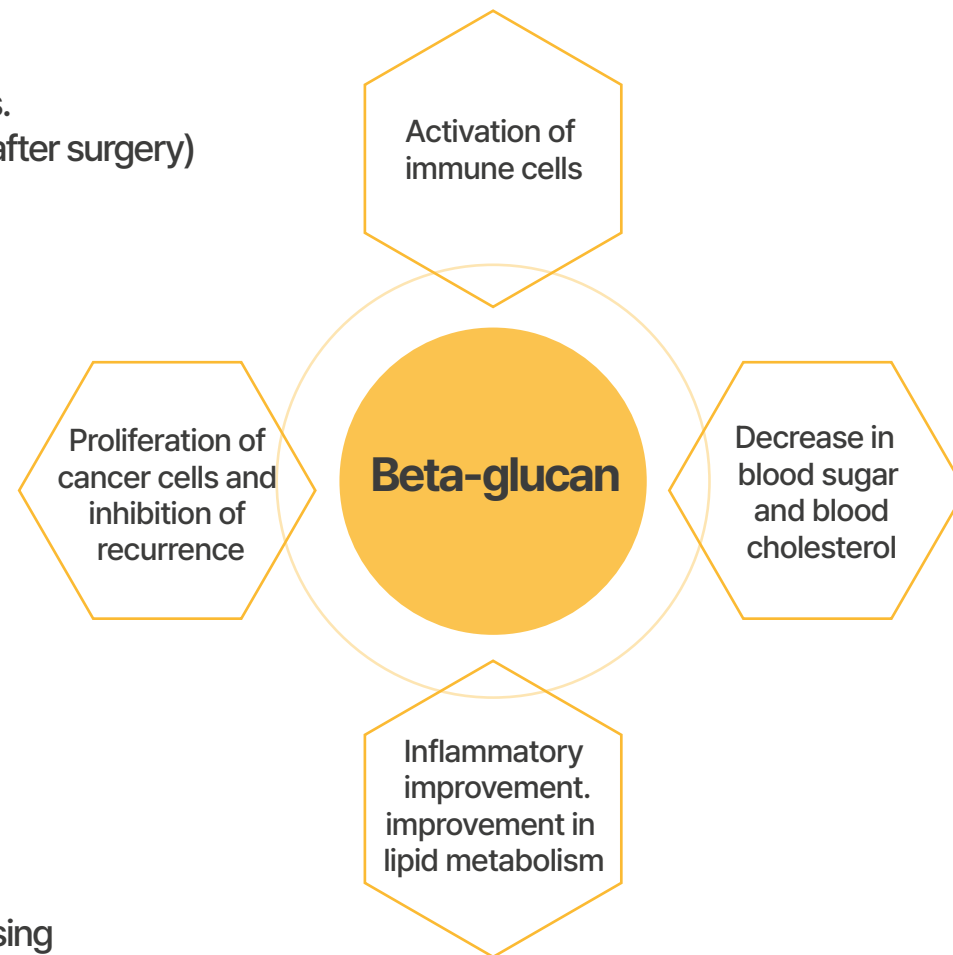
- Helps suppress cancer and tumors

03. Lowers blood sugar and blood cholesterol

- Helps prevent diabetes

04. Improve lipid metabolism and inflammation

- Helps improve obesity, neurological symptoms, and atopy



Typical effect



Activation of immune cells (NK cells) –

In the event of infection with viruses and bacteria, it is effective in expressing inflammation and preventing secondary infections.

The main ingredient of the [sparabetacan pet] is liquid beta-glucan extracted from flower mushrooms(Sparassis crispa).

Liquid beta-glucan extracted from flower mushrooms?



Sparassis crispa

Compared to other mushrooms two to three times Higher beta-glucan content

Contains up to 50 times more nutrients

liquid products a high absorption rate

All forms of Applicable as raw material (Liquid)

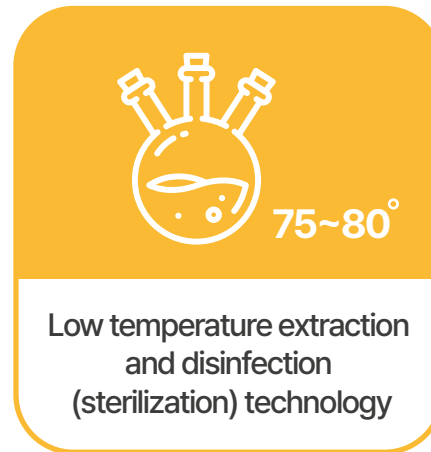
In the case of β -glucan liquids, applicable as raw materials in all forms available for ingestion.

Non-medical products, nutritional supplements, immunosuppressive drugs, liver function enhancers, animal nutritional supplements, animal injections, secondary infection prevention drugs, etc

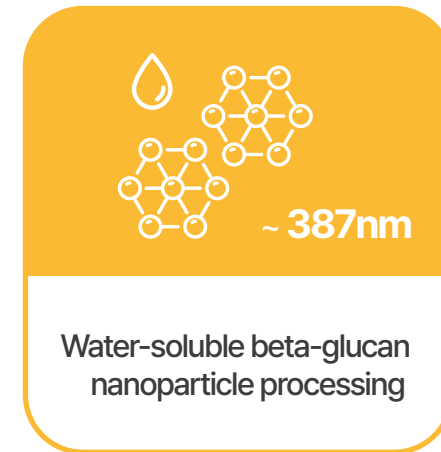
Process of extraction of liquid beta-glucan



Natural ingredients



Minimize Nutrient Destruction



Fast absorption and dramatic effects

Improved nanoparticle absorption



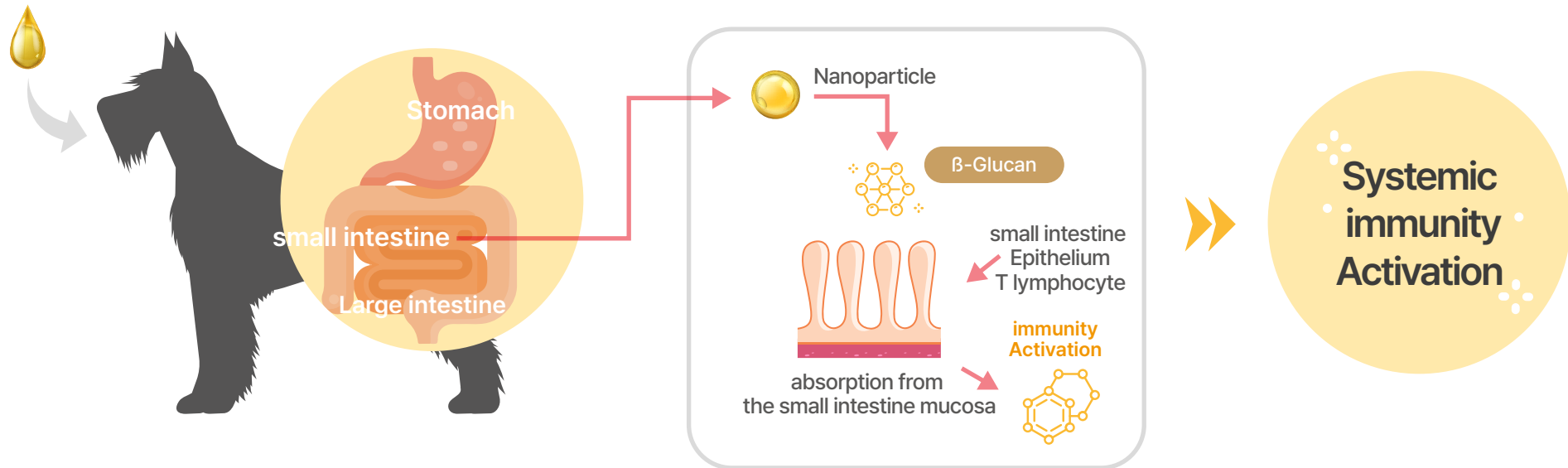
50 times more than powdery form



Immune cell activation

Betaglucan represent the activation of immune cells, including cytokine production, phagocytosis, natural killer cell(NK-cell) activation, and antioxidant activity.

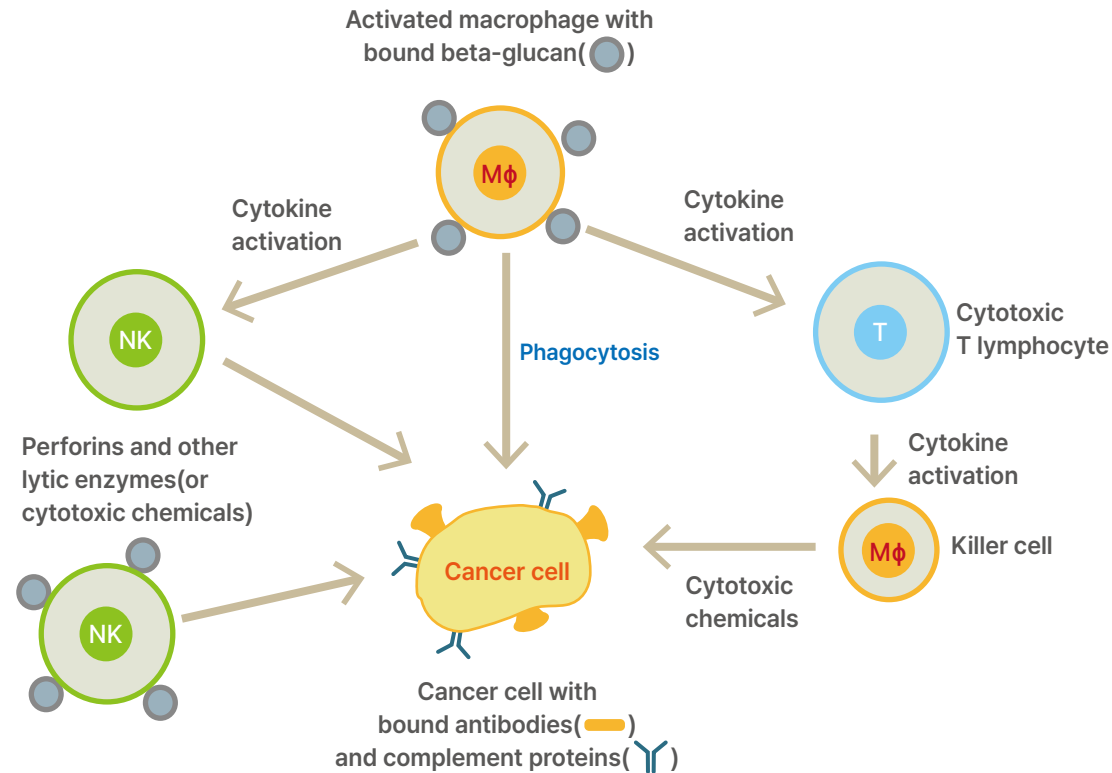
Sparabetacan





Controlling Cancer and Tumor growth

The main ingredient of Spara β can, beta glucan, is a type of polysaccharide that has immunomodulatory effects. It activates the immune function of normal cells, inhibiting the proliferation and recurrence of cancer cells, and activates macrophages to promote the secretion of cytokines, thereby activating the immune function of T and B cells(Fig1).





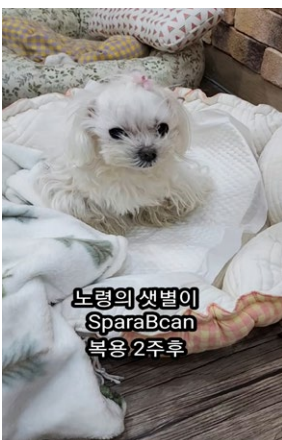
Reducing inflammation

Beta glucan has anti-inflammatory properties, which can help reduce inflammation in pets with chronic conditions such as arthritis. It helps improve arthritis, patellar talc, and inflammatory joint diseases in dogs and cats.

Case of use / Maltese, 14 years old, female, 2.1 kg

Before Existing diseases: September 2021 - Renal failure (tongue necrosis) / May 2022 - patella dislocation, cruciate ligament rupture, inability to walk, reduced meal volume and no bowel movements. (weight 2.1 kg)

After Started taking Sparabetacan in November 2022. Two months later, she barks while running. She ate more, defecated, and gained 2



노령의 셋별이
SparaBcan
복용 2주후

2weeks



SparaBcan
복용 4주후

4weeks



SparaBcan
8주이상 복용후

6weeks



Skin Disease / Anti-allergy (1)

Beta glucan has anti-inflammatory properties that can help reduce redness, swelling, and itching associated with skin allergies and other skin conditions

Case of use / Lhasa Apso, 6 years old, neutered, male, 6kg

Before Diagnostic Disease: Inflammation and itching caused by skin allergies for 5 years

After Recovered in six months and was diagnosed with recovery



1 week



6 months



Skin Disease / Anti-allergy (2)

Beta glucan has anti-inflammatory properties that can help reduce redness, swelling, and itching associated with skin allergies and other skin conditions

Case of use / Long-haired dachshund 9-year-old female 7 kg

Before Allergies, inflammation lasts 3 years / Side effects of taking antihistamines at the hospital, obesity, recurrence when taking snacks

After Significant improvement after 3 weeks of intake of Sparabetacan



1 week



3 weeks

Q. When do you feed [Sparabetacan Pet]?

- 01 For the vitality and immunity of old dogs and cats.
- 02 To strengthen the immunity of pets before and after surgery.
- 03 If your pet is usually weak or has significantly reduced physical strength.
- 04 In the case of various inflammatory diseases of pets.
- 05 If your pet is frequently scratching due to a serious skin condition, such as : atopy and ear disease.



Product Configuration



50ml Bt. / box : 333g (Packging included)



Finished product 20 boxes/carton box
 CT box size : 420 × 330 × 180
 Weight per carton : Approx. 7.5 kg ↑

list of related research papers

Here is a list of research papers on the efficacy and effectiveness of beta-glucan for companion animals, along with their sources:

1. Vetvicka, V., Richter, J., Svozil, V., & Rajnochova Dobiasova, L. (2018). Beta-glucan affects mucosal immunity in dogs. *Annals of Translational Medicine*, 6(10), 182. doi: 10.21037/atm.2018.03.26
2. Morris, J., Rogers, Q., & Freeman, L. M. (2003). Enhancement of humoral and cell-mediated immunity by dietary beta-1,3-glucan supplementation in cats. *Veterinary Immunology and Immunopathology*, 91(1), 39-45. doi: 10.1016/s0165-2427(02)00277-7
3. Kang, H. K., Lee, K. H., Kim, C. Y., Lee, K. Y., & Yoon, H. Y. (2012). Immunomodulatory effects of β -glucans on porcine alveolar macrophages and bone marrow hematopoietic stem cells. *Archives of Pharmacal Research*, 35(5), 723-731. doi : 10.1007/s12272-012-0503-9
4. Jensen, G. S., Redman, K. A., Benson, K. F., Carter, S. G., Mitzner, M. A., Reeves, S., & Robinson, L. (2012). Antioxidant bioavailability and rapid immune-modulating effects after consumption of a single acute dose of a high-molecular-weight, hydrosoluble beta-(1,3)-glucan. *Journal of Agricultural and Food Chemistry*, 60(25), 6365-6371. doi: 10.1021/jf301007n
5. Smullen, J., Finney, M., Foster, H. A., & Lovesey, S. (2016). An investigation of the immunomodulatory activity of a selection of pet dietary supplements using in vitro assays. *Journal of Nutritional Science*, 5, e17. doi: 10.1017/jns.2016.5

These papers were found through a search on PubMed, a database of biomedical literature. They have been selected based on their relevance and scientific rigor in investigating the effects of beta-glucan on companion animals.

www.anipickpet.com

Anipick Co.,Ltd. contributes to the health of people and animals under the slogan "Health Care in My Life."
We believe that preventing disease is the best way for both people and pets to live long and healthy lives. We are committed to researching, developing, and producing excellent nutritional supplements with a corporate research institute striving for a better future for pets.

AniPick

Anipick Co.,Ltd.

Headquarters : 5th building 3F, 20 Techno 1-ro, Yuseong-gu, Daejeon, Korea.

Branch Office : #405, 660 Olympic-ro, Gangdong-gu, Seoul, Korea.

Research Institute : Hanshin S Mecca #527, 65 Techno 3-ro, Yuseong-gu, Daejeon, Korea.

Production Plant : #310, Animal Pharmaceutical Hub Center, 226 Sandan 3-gil,
Sapgyo-eup, Yesan-gun, Chungcheongnam-do, Korea.

Tel : +82-10-5934-5505 **Email** : anipick102@gmail.com