

PROBIOTIC + PREBIOTIC – Complementary pet food for dogs and puppies to help maintain a healthy intestinal microbiome and long term health.

RECOMMENDED FOR & NOT RECOMMENDED FOR

- ✓ Gastrointestinal disturbance and loose stools associated with microflora imbalance
 - ✓ Irregular bowel movements and poor faecal quality
 - ✓ Helps ease the passage of faeces
 - ✓ Reduce flatulence in dogs
 - ✓ Loose stools associated with stress, diet change or antibiotic use
 - ✓ Helps promote immune system function
- ✗ Dogs with specific food allergies



KEY BENEFITS



Proven Synbiotic action (of a probiotic & prebiotic) to help maintain a healthy intestinal microbiome

Contains prebiotic fibre (psyllium) and lactic acid bacteria (*E. faecium* SF68) at levels that stimulate the growth of specific bacteria to support a healthy intestinal microbiome



Contains the same guaranteed level of proprietary micro-encapsulated strain of live lactic acid bacteria SF68 (5×10^8 CFU*/sachet) as FortiFlora to help support intestinal health / microflora and promote a strong immune system



Contains a plant-based prebiotic fibre (psyllium) to stimulate the growth of beneficial bacteria in the gut and nourish a healthy microbiome

ADDITIONAL BENEFITS & CHARACTERISTICS

Great taste

Can be easily sprinkled on dog food with great acceptance

Helps repopulate the intestine

with beneficial microorganisms

Help manage intestinal microbiome imbalance

as a result of fermentation thanks to the prebiotic fibre (psyllium)

Firms up faeces

thanks to water holding capacity of psyllium

Helps ease the passage of faeces

Helps support intestinal motility & regulate intestinal transit

thanks to the inclusion of psyllium husk

Helps promote intestinal barrier integrity

Reduce flatulence in dogs

Psyllium has moderate fermentability, which means less gas production in the gut compared to other types of fibers

* CFU: Colony Forming Units.

COMPOSITION

Derivatives of vegetable origin (50% dried psyllium husk), meat and animal derivatives*, minerals.

* Pork and poultry.

Keep between
2 and 25°C.



KEY NUTRIENT VALUES*

	Minimum 5x10 ⁸ CFU/g
<i>Enterococcus faecium</i> SF68 NCIMB 10415 (4b1705) Live microencapsulated microorganisms**	
Protein	28.5%
Fat	9.5%
Crude fibre	1.7%
Vitamin E	3211 IU/kg
Selenium	0.134 mg/100g
Metabolisable energy (ME) ¹	3767 kcal/kg

* Typical analysis in the final product as fed.

** Minimum guaranteed level at the end of shelf life.

¹ Calculated following NRC 2006 equations.

FEEDING GUIDELINES

RECOMMENDED FOR	HOW IT WORKS	ADMINISTRATION GUIDELINES
Gastrointestinal Disturbances		
Gastrointestinal disturbances and loose stools associated with microbiome imbalance	Stimulates bacterial fermentation and favours the growth of beneficial bacteria, increasing microbiome diversity	Give 1 sachet of FortiFlora® PLUS every day, sprinkled on top of the regular food, until at least 7 days after the remission of the signs
Irregular bowel movements and poor faecal quality Helping ease the passage of faeces	Psyllium can help firm up stools and support intestinal motility thanks to water-holding capacity	
Reduction of flatulence in dogs	Psyllium is partially fermented which means less gas production compared with other fibres ¹⁴	
Loose stools		
Loose stools associated with stress	Improves the survival and implantation of live beneficial bacteria in the gut, helping promote intestinal barrier integrity	Give 1 sachet of FortiFlora® PLUS every day, 3 days before the stressful event, during the whole period of stress and until at least 3 days after the end of the stress.
Loose stools associated with antibiotic use		Give 1 sachet of FortiFlora® PLUS every day during the antibiotic use and until 7 days after the last dose of antibiotic. For maximum efficacy, give FortiFlora® PLUS at least 3 hours before or after the antibiotic administration
Loose stools associated with diet change		Give 1 sachet of FortiFlora® PLUS a day, from 3 days before the start of the diet transition until 7 days after the pet has been fed entirely with the new diet
Immune function		
Loose stools associated with diet change	Supports the immune system at mucosal and systemic levels	Give 1 sachet of FortiFlora® PLUS every day, for at least 30 days
Palatability		
Palatability enhancement for pets with little appetite	Can be easily sprinkled on pets' food with great acceptance	Add 1 sachet of FortiFlora® PLUS daily to the regular food as long as palatability enhancement is required

THE PROVEN SYMBIOTIC ACTION OF FORTIFLORA® PLUS

Ground-breaking studies in humans and other mammals have implicated the **gut microbiome** in a range of physiologic processes that are **vital to host health**¹⁻⁴.

Purina scientists developed the **first study published** to demonstrate that the essential features of the **human gut microbiome are mirrored in adult dogs**³ with **direct implications in their responses to diet**³ and future developments to improve **pet's gut microbiome health**.

* CLINICAL STUDIES SHOW THE BENEFITS OF USING FORTIFLORA® PLUS IN HELPING MAINTAIN GASTROINTESTINAL HEALTH

In vitro studies of cat and dog faecal samples combined with FortiFlora® PLUS showed a significant shift towards beneficial gut bacteria

(Nestlé Purina, internal data 2020)

- Microbial diversity (number of species and relative abundance present) significantly shifted towards beneficial bacteria such as Lactobacillus spp and Bifidobacteria spp
- Decreased intraluminal pH, which promotes a more favourable environment for the growth of beneficial bacteria

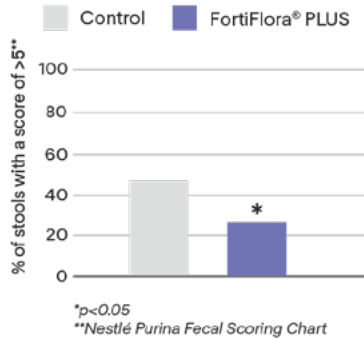
In healthy puppies, FortiFlora® PLUS increases gut microbiome diversity and abundance of beneficial gut bacteria (n=24)

(Nestlé Purina, internal data 2020)

- Increased microbial alpha (number of bacteria) and beta (beneficial bacteria) diversity
- Significantly increased abundance of Bacteroides, Alloprevotella, and Phascolarctobacterium spp. which are all bacteria associated with fibre fermentation and short-chain fatty acids (SCFA) production

Beneficial effects of FortiFlora® PLUS on healthy exercising dogs (n=40)

(Nestlé Purina, internal data 2020)



- After 2 months of supplementation, the average number of defecation events during training runs was significantly less for dogs receiving FortiFlora® PLUS
- Increased alpha and beta microbial diversity
- Tended to improve faecal scores during exercise

1. Eisenstein M. 2020. The hunt for a healthy microbiome. Nature vol 577.
2. Barko PC, McMichael MA, Swanson KS, et al. 2018. The gastrointestinal microbiome: a review. J Vet Intern Med 32:9-25.
3. Coelho LP, Kultima JR, Costea PI, et al. 2018. Similarity of the dog and human gut microbiomes in gene content and response to diet. Microbiome, 6(72).
4. Pilla R, Suchodolski J. 2021. The Gut Microbiome of Dogs and Cats, and the Influence of Diet. Vet. Clin. North Am. Small Anim 31, 3.