

## There's a hugely important world inside your pet!

The unique population of microorganisms that live in your pet's gut, known as the gastrointestinal (GI) microbiome, is key for your pet's health.

### The GI microbiome influences the health of the<sup>1-21</sup>:



Gut



Liver



Kidneys



Brain



Nervous System



Heart



Immune System

### Gut microbiome health – a balancing act:

Any upset to the delicate balance of the GI microbiome can cause problems for your pet. This is called dysbiosis. It can occur when the gut environment changes, for example with<sup>22-24</sup>:



Stress<sup>30,31</sup>



GI disease



Life stages



Pain<sup>32-34</sup>



Sudden diet changes<sup>25,26</sup>



Medications, especially antibiotics<sup>27-29</sup>



Slow gut movement<sup>32-34</sup>

### A journey to optimum pet health

The right supplements can help to create a balanced and healthy microbiome, promoting both gut and wider health.



#### Fibre:

Fibre is essential in the diet, and at least one type of fibre is present in all the products in our GI range.

There are two main types of fibre, soluble and insoluble, with different functions<sup>37,38</sup>:

**Soluble fibre:** Dissolves in water and many form a gel-like substance.<sup>38</sup> Often acts as a prebiotic.<sup>37,39</sup>

**Insoluble fibre:** Doesn't dissolve in water and retains its structure throughout the GI tract.<sup>38</sup> It has a bulking action on stools and helps with normal gut movement.<sup>38,40</sup>



#### Binders:

We use two types of clays, which can remove excess water and undesirable compounds from the GI tract.<sup>41-44</sup>



#### Immune support:

We use a range of ingredients to help support the immune system via different routes, promoting optimal GI and overall health.<sup>45-55</sup>



#### Gut lining support:

Our ingredients support the gut mucus layer which helps to protect the gut lining.<sup>56-61</sup>



#### Nutritional support:

Some of our products provide vitamin, mineral or amino acid supplementation, or act as an energy source to support your pet.



#### Flavourings:

Our flavourings contain no meat proteins, making them suitable for pets with meat allergies.

Scan for more info



Scan for references



### Why Protexin® Veterinary?

For dogs. For cats. For rabbits. We're here for every pet to live their best life by supporting a healthy gut microbiome. With over 30 years of biotics knowledge, dedicated veterinary technical support and a full product range backed by science, research and expertise, you can be sure you're getting the highest quality products for your pet.

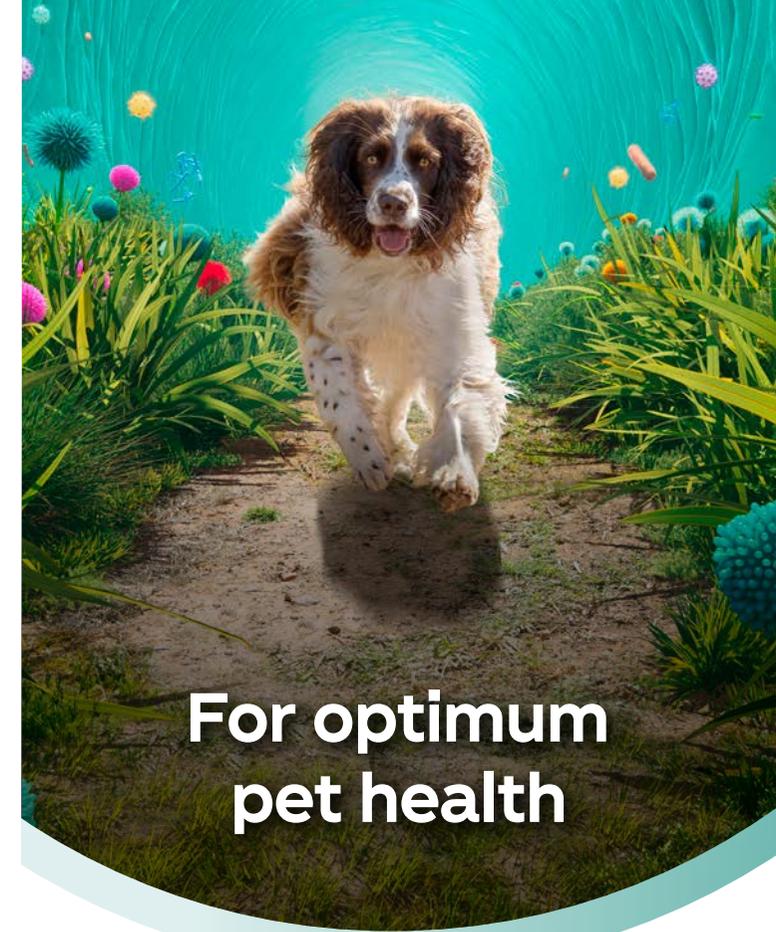
Discover our full range at [www.protexinvet.com](http://www.protexinvet.com)

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# Discover the world of the gut microbiome...



## For optimum pet health

**Protexin®**  
VETERINARY

Smarter pet care, powered by biotics.



# Smarter pet care, powered by biotics

Our GI range provides all-round support for a happy microbiome and general gut health.

Product	Pet species	Best for	How to give	Contains					
				Protexin® Biotics	Binders	Immune support	Gut lining support	Nutritional support	Flavour
Pro-Kolin Advanced		<ul style="list-style-type: none"> <li>• Short term gut support</li> <li>• Healthy poos</li> <li>• Soothing the gut lining</li> <li>• Supporting gut health</li> </ul>	<b>Paste</b> Easy to use syringe, give directly into the mouth or add to food		✓	✓	✓	✓ (Pro-Kolin Advanced Cat only)	<b>Dogs:</b> artificial liver flavour <b>Cats:</b> artificial chicken flavour
Pro-Kolin Enterogenic		<ul style="list-style-type: none"> <li>• Long term microbiome support</li> <li>• Supporting gut health</li> <li>• Supporting the gut mucus layer</li> <li>• Supporting normal cobalamin levels</li> </ul>	<b>Powder</b> Add to food		✓	✓	✓	✓	Artificial chicken flavour
Synbiotic D-C		<ul style="list-style-type: none"> <li>• Long term microbiome support</li> <li>• Times when there is a risk of imbalance eg. dietary changes, stress or medications such as antibiotics</li> </ul>	<b>Sprinkle capsule</b> Sprinkle on food or give whole capsule directly into mouth			✓			
Cobalazorb		<ul style="list-style-type: none"> <li>• Supporting normal cobalamin and folate levels</li> </ul>	<b>Sprinkle capsule</b> Sprinkle on food or give whole capsule directly into mouth					✓	Artificial chicken flavour
Bio-Lapis		<ul style="list-style-type: none"> <li>• Short term rehydration and microbiome support</li> </ul>	<b>Powder</b> Add to food			✓		✓	Dandelion
Fibreplex		<ul style="list-style-type: none"> <li>• Short term gut movement and microbiome support</li> <li>• An energy source for animals with a low appetite</li> </ul>	<b>Paste</b> Easy to use syringe, give directly into the mouth			✓		✓	Carrot

Our Protexin® Biotics are expertly developed pre, pro and postbiotics that support a healthy microbiome.

- **Probiotics** are live microorganisms - usually bacteria or yeast – which have beneficial effects when taken in appropriate amounts.<sup>35</sup> They've been shown to help pets with their gastrointestinal health and promote immune function and wider health.<sup>36</sup>
- **Prebiotics** feed beneficial bacteria, supporting a diverse and healthy microbiome.<sup>35</sup>
- **Postbiotics** are inactivated microorganisms which remain bioactive in the gut, providing health benefits.<sup>35</sup>



Scan to learn more about the Protexin® Veterinary ANZ product range.

[Protexinvet.com/anz](http://Protexinvet.com/anz)