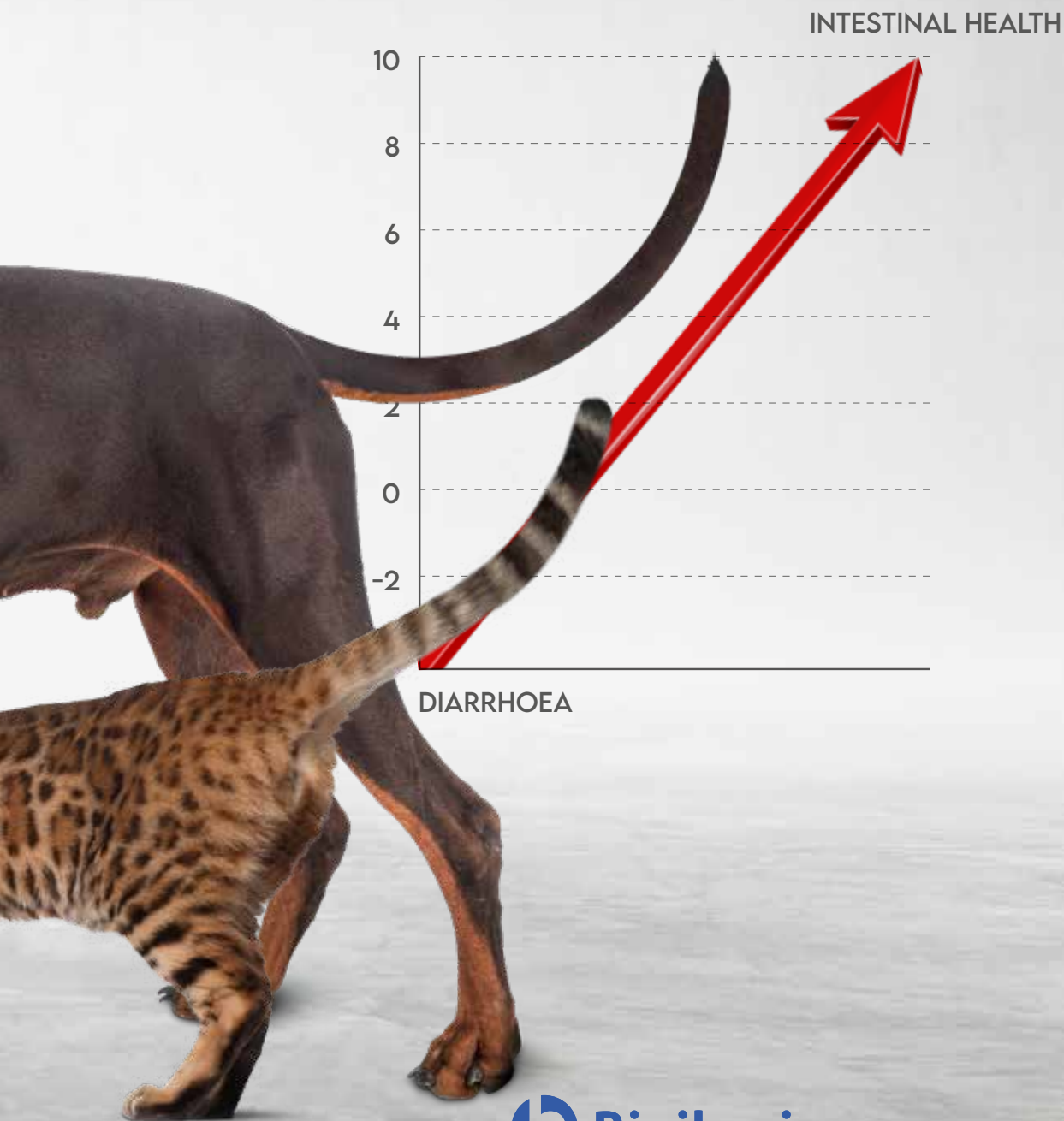


Proenteric[®]
ADVANCED

Entero**chronic**[®]

Happy tails 



“

NOT ALL DIARRHOEAS ARE THE SAME

”

- Acute diarrhoea.
- Usually lasts a few days.

WHAT YOU NEED:

- Eliminate diarrhoea quickly.
- Restore intestinal microbiota balance.
- Support normal functioning of the intestinal immune system.



- Prolonged or recurring diarrhoea.
- Flatulence.
- Digestive disorders.
- Stress.
- Dietary changes.
- Antibiotherapy.
- Chronic diarrhoea.

WHAT YOU NEED:

- Reset the correct intestinal function.
- Strengthen the immune system.
- Eliminate short/medium term diarrhoea.

“

***A SOLUTION FOR EVERY CASE,
NOW EVEN BETTER***

”

Proenteric[®]
ADVANCED

NEW FORMULA AND FORMATS!

***THE SYNBIOTIC that provides
MAXIMUM SPEED***



Presentations:

Palatable paste, in 15ml and 30 ml syringes.

Enterochronic[®]

NEW FORMULA!

***THE POSTBIOTIC THAT HELPS
MAINTAIN the correct
intestinal function***



Presentations:

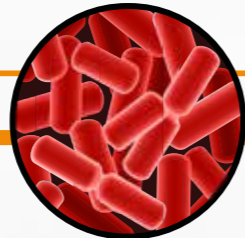
In packs of 30 and 60 pouches with palatable powder.

Proenteric[®] ADVANCED

The synbiotic that provides
máximum speed:

PROBIOTIC REGISTERED IN THE EU

- Enterococcus faecium (NCIMB 10415) 4b1707: 4b1707: 2.4×10^8 CFU/ml.
- Helps maintain beneficial flora levels and remove pathogens.



PREBIOTICS

- Unique blend of Fructooligosaccharides (FOS) and acacia: (arabinogalactans).
- They help beneficial flora to grow in proximal and distal colon.



PECTIN

- Peristaltism regulation: lower frequency of bowel movements.



**“ IN JUST
2 DAYS ”**

2
days

PSYLLIUM

- Fibre absorbs excess water in the gastrointestinal tract to form a gelifivtance, which normalizes intestinal transit.²



BINDING AGENTS

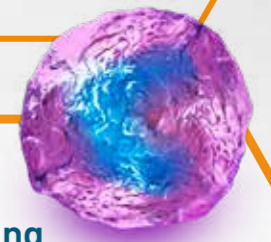
Combination with dual absorption and adsorption benefit, to help form more solid stools:

- Bentonite, which absorbs excess liquid in the gastrointestinal tract.
- Kaolin, which adsorbs bacteria, viruses and enterotoxins.³



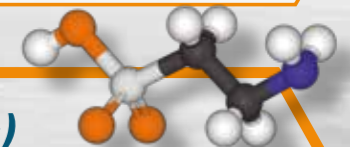
BETA-GLUCANS

- They help the innate immune response, by binding to immune cell receptors such as macrophages.^{4,5}



Taurine (Pro-Enteric Advanced Cats)

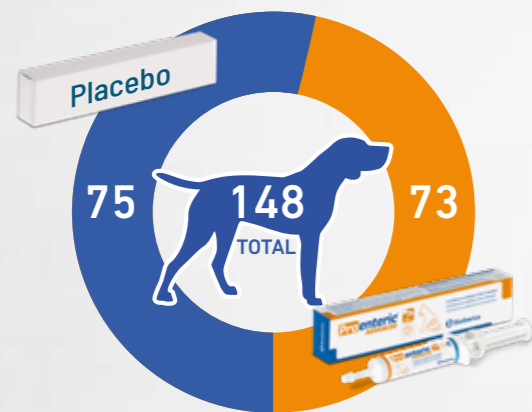
- Essential amino acid in cats, necessary in physiological processes, and found at more reduced levels in cats with digestive problems.



“New effectiveness study” **Proenteric[®] ADVANCED**”

148 dogs
with acute diarrhoea

15 centers
UK and Ireland veterinarians

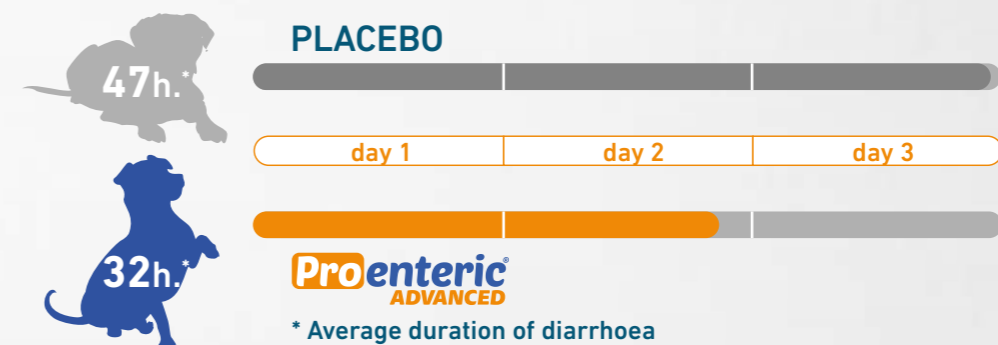


All 148 dogs randomly received **Proenteric[®] ADVANCED** or placebo.

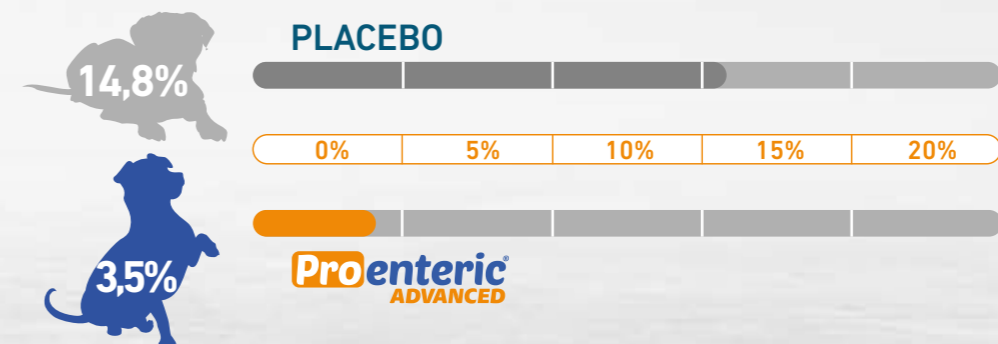


• Pro-Enteric Advanced significantly reduces:

1 Diarrhoea duration by **39%**



2 The number of dogs that needed additional medication



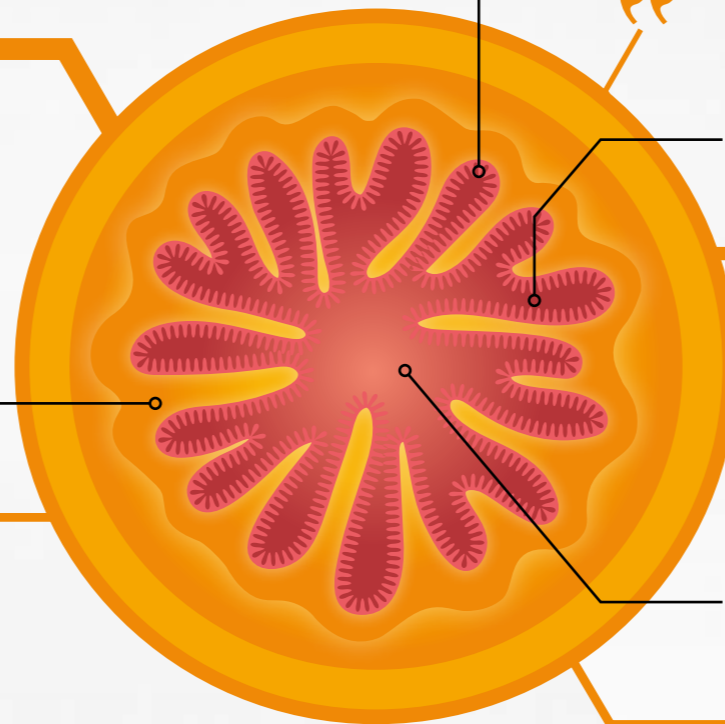
• For **92%** of dogs Pro-Enteric Advanced was very palatable.

Enterochronic[®]

THE POSTBIOTIC THAT HELPS
**MAINTAIN THE CORRECT
INTESTINAL FUNCTION**

ALPHA-GLUCAN BUTYROGENIC

- New resistant starch that produces more butyrate when fermented in the intestinal tract.
- Butyrate is a post-biotic and the main energy substrate of the colonocyte, thus facilitating the correct maintenance of the intestinal epithelium.



CHONDROITIN SULPHATE (MPS PROTECT)

- Mucopolysaccharide with a positive effect at the intestinal level.⁶

PREBIOTIC

- Mannan oligosaccharide (MOS)
- It helps grow beneficial flora and improves its effect against pathogens.



BETA-GLUCANS

- They help the innate immune response, by binding to immune cell receptors such as macrophages.^{4,5}



“NEW SCIENTIFIC PROOF Enterochronic®”

HELPS MAINTENE THE INTESTINAL FUNCTION AND REDUCE OXIDATIVE STRESS

Ambrosini YM, et al. Treatment With Hydrolyzed Diet Supplemented With Prebiotics and Glycosaminoglycans Alters Lipid Metabolism in Canine Inflammatory Bowel Disease. *Front. Vet. Sci.* 7:451 2020.

Metabolomic analysis of serum samples of dogs who took part in a clinical trial in the VTH of the Royal Veterinary College in London.

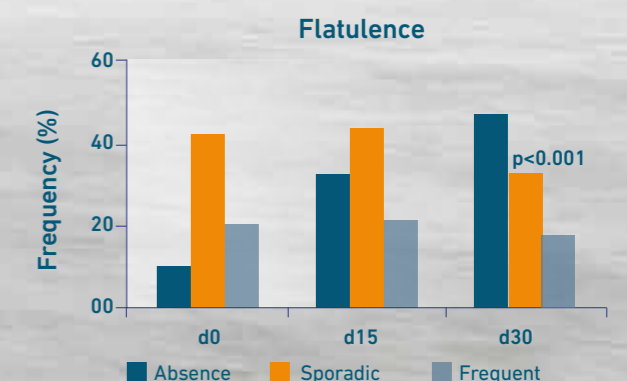
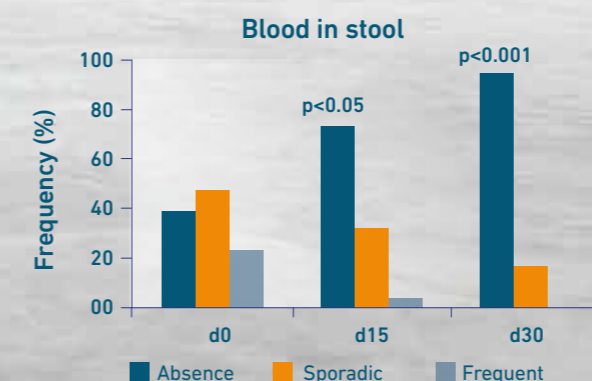
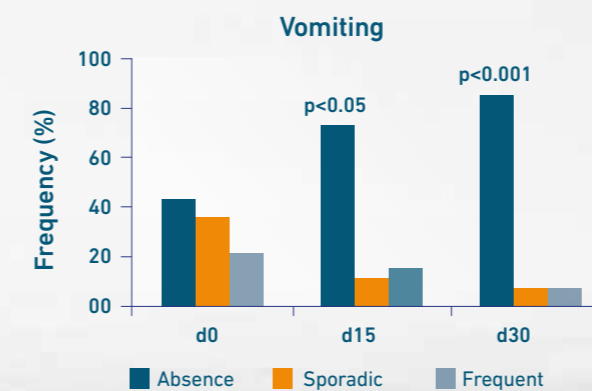
Segarra S, et al. Enhanced Gut Microbial Fermentation and Metabolism by Different Starch-Rich Products in a Canine Gastrointestinal Model. *ACVIM 2020.*



Sellés M, et al. Efficacy of Entero-chronic® in dogs with chronic enteropathies: A prospective observational study. *KLEINTIERMEDIZIN* 1-2011

Entero-Chronic provides a significant benefit in IBD biomarkers:

- Reduces epithelial damage: decreases levels of phosphatidylcholine and lysofosfatidylcholine.
- Protective effect on stress by not increasing putrescine (related to oxidative stress and IBD severity in dogs and humans).



“ HOW TO ADMINISTER ”

Proenteric[®] ADVANCED



“
Administer orally, 2 times a day, for 3 days:

Cats and dogs	< 5kg	1 ml
Cats and dogs	5-10 kg	2 ml
Dogs	10-30 kg	4 ml
Dogs	> 30 kg	5 ml

Enterochronic[®]



“
Administer by pouring directly on the food, according to these guidelines:

Flatulence	7-15 days
Stress	7-15 days
Changes in food	7-15 days
Antibiotherapy	While the treatment with antibiotics remains ongoing and continue 7-15 days later
Recurring diarrhoea	At least 30 days
Chronic diarrhoea	At least 30 days



Bioiberica

Taking life science further

C/Antic Camí de Tordera, 109-119
08389 Palafolls (Barcelona)



- 1- Nixon SL, Rose L, Muller AT. Efficacy of an orally administered anti-diarrheal probiotic paste (Pro-Kolin Advanced) in dogs with acute diarrhea: A randomized, placebo controlled, double-blinded clinical study. *J Vet InternMed.* 2019; 33:1286–1294. <https://doi.org/10.1111/jvim.15481>
- 2- Mehmood MH, Aziz N, Ghayur MN, Gilani A-H. Pharmacological basis for the medicinal use of Psyllium husk (Ispaghula) in constipation and diarrhea. *Dig Dis Sci [Internet].* 2011;56(5):1460-1471.
- 3- Pieszka M, Łuszczynski J, Hedrzak M, Goncharova K, Pierzynowski SG. The efficacy of kaolin clay in reducing the duration and severity of "heat" diarrhea in foals. *Turkish J Vet Anim Sci [Internet].* 2016;40(3): 323-328.
- 4- Haladová E, Mojžišová J, Smrčo P et al. Immunomodulatory effect of glucan on specific and nonspecific immunity after vaccination in puppies. *Acta Vet Hung* 2011; 59(1): 77-86.
- 5- Stuyven E, Verdonck F, Van Hoek I et al. Oral administration of beta-1,3/1,6-glucan to dogs temporally changes total and antigen-specific IgA and IgM. *Clin Vaccine Immunol* 2010; 17(2): 281-285.
- 6- Du Souich et al. Immunomodulatory and anti-inflammatory effects of chondroitin sulphate. *J Cell Mol Med* 2009 Aug;13(8A):1451-63.
- 7- Ambrosini YM, et al. Treatment With Hydrolyzed Diet Supplemented With Prebiotics and Glycosaminoglycans Alters Lipid Metabolism in Canine Inflammatory Bowel Disease. *Front. Vet. Sci.* 7:451 2020.
- 8- Segarra S et al. Enhanced Gut Microbial Fermentation and Metabolism by Different Starch-Rich Products in a Canine Gastrointestinal Model. *ACVIM* 2020
- 9- Sellés M, et al. Efficacy of Entero-chronic® in dogs with chronic enteropathies: A prospective observational study. *KLEINTIERMEDIZIN* 1-2011