

S1: Inclusion and exclusion criteria

Inclusion criteria	Exclusion criteria
<ul style="list-style-type: none"> • Animals with acute diarrhea with an owner reported fecal score of 5 or 6 on one or more occasion in the 24hours before presenting to the vet • Animals with a general condition, which requires only dietary management and the administration of the feed supplement • No antimicrobial treatment at least 4 weeks before day 0 • No probiotic products at least 4 weeks before day 0 • Animals must be suitable for the study when examined physically on Day 0 with respect to being in good general health and bodily condition and amenable to examination • The owner or authorised agent has given the consent for his/her animal to participate in the study 	<ul style="list-style-type: none"> • Animals showing acute diarrhea which will need additional treatment other than the feed supplement • Animals with on-going vomiting which requires medical treatment or temporary starvation • Animals with diarrhea which is present for more than 7 days before enrolment • Animals with known hypersensitivity to the active ingredients and/or excipients of the feed supplement/placebo • Animals which received antimicrobial treatment less than 4 weeks before day 0 • Animals which received probiotic products less than 4 weeks before day 0 • Animals with pre-existing medical and /or surgical conditions where symptoms may include diarrhea or vomiting • Animals with diarrhea known to be secondary to other underlying diseases (e.g. endocrine disorders)

Criteria for inclusion in analysis	Post-inclusion removal criteria
<ul style="list-style-type: none"> • Received at least two doses of ADPP or placebo every full day on the study up to study completion • Received the study diet • Had a fecal score of 4, 5 or 6 whilst on the study • Did not receive treatment with any non-study products that had gastrointestinal activity 	<ul style="list-style-type: none"> • Removal due to worsening or not-improvement related to the condition under investigation. • Removals due to concomitant disease not allowing the animal to stay on study (e.g. other treatments needed not compliant with protocol). • Animal's death. • Animal owner's refusal to continue study participation. • Administration of a non-approved concurrent therapy, which may affect the integrity of the study data. • Incorrect test product/placebo administration (e.g. serious dosing error) • Meeting an exclusion criterion and/or not meeting an inclusion criterion • Other deviations that may affect the integrity of the study data must be specified

S2: Composition of the ADPP and placebo and dosage**ADPP:**

Name	Pro-Kolin Advanced
Microbial content:	<i>Enterococcus faecium</i> 4b1707
Qualitative and quantitative composition:	Active ingredients: <i>Enterococcus faecium</i> 4b1707 2×10^8 CFU/g, Preplex [®] prebiotic, combined kaolin and montmorillonite clay, psyllium husk, pectin, beta glucan liver flavour
Formulation:	Paste
Nature and composition of immediate packaging:	30 ml syringe
Sponsor (Marketing authorization holder):	Probiotics International Ltd
Marketing authorisation holder & manufacturing company:	Probiotics International Ltd






Placebo:

Name	Placebo
Microbial Content:	N/A
Qualitative and quantitative composition:	Soya Oil, Colloidal silica, Dextrose, Liver Flavour
Formulation:	Paste
Nature and composition of immediate packaging:	30 ml syringe
Marketing authorisation holder & manufacturing company:	Probiotics International Ltd

Dosage instructions for ADPP and placebo:

Bodyweight (kg)	Dosage volume (ml)	Frequency
<5	2	3 times daily
5 to <15	3	3 times daily
15 to <30	5	3 times daily
30 to <45	7	3 times daily
≥ 45	10	3 times daily

S3: Fecal Scoring Chart

Score1=hard	Hardorfirm,shouldbepliable, segmentedappearance,little or no residueleftongroundwhen pickedup		
Score2=log-like	Littleornosegmentationvisible, moistsurface,leavesresiduebut holdsformifpickedup		
Score3=moist	Moistbutdistinctlogshape visible,leavesresidueandloses abitofformifpickedup(normal for somedogs)		
Score4=very moist	Verymoistbuthasdistinctshape, presentinpilesratherthan distinct logs, leavesresidueand loses formifpickedup		
Score5=has texture	Hastexture,butnodefined shape,occursaspilesorasspot, leavesresiduewhenpickedup		
Score6=watery	Watery,notexture,flat,occursas puddles		

S4: Concomitant Treatments

- lithium bromide (epilepsy)
- immunotherapy (atopy)
- tramadol (pain)
- topical fusidic acid/ betamethasone (moist dermatitis)
- pimobendan (cardiac insufficiency)
- phenobarbitone (epilepsy)
- topical diethanolamine fusidate/ framycetin sulfate/ nystatin/ prednisolone (otitis externa)
- topical fusidic acid (conjunctivitis)