

ADULT HEALTH-RSS™ (Wet)



Adult Health-RSS™ canine wet diet is a palatable maintenance diet which includes ingredients selected to support urinary tract health. It has undergone RSS (relative supersaturation) analysis at an independent laboratory to support its use in the prevention and treatment of struvite and calcium oxalate urolithiasis. The diet contains pork, a palatable and digestible source of protein that is low in ash and phosphorus¹. Potato is a highly digestible and low

fibre carbohydrate source that contains high levels of antioxidants². This diet achieves urinary tract health parameters while containing moderate amounts of sodium³. The diet is low in total fibre to ensure optimal digestibility, contains prebiotics (FOS) to maintain gastrointestinal health, and has a restricted phosphorus content appropriate for use in early renal disease.

Features:

- RSS data for treatment and prevention of struvite and calcium oxalate urolithiasis⁴
- Excellent palatability
- High quality protein – preserves lean body mass and may be protective against calcium oxalate uroliths^{5,6}
- High digestibility
- Low fibre content with added prebiotics
- Moderate sodium content³
- Moderate phosphorus content

Therapeutic Indications:

- Adult Health Maintenance
- Dissolution and aid in prevention of struvite uroliths in adult dogs^{4,7,8}
- Aid in prevention of calcium oxalate uroliths in adult dogs⁹⁻¹¹
- Struvite and calcium oxalate urolithiasis with concurrent IRIS stage 1 and 2 non-proteinuric renal disease^{12,13}
- Gastroenteropathies responsive to digestible, lower fibre diets with concurrent/historical urolithiasis¹⁴⁻¹⁶

ADULT HEALTH-RSS™ (Wet)



INGREDIENTS (WET):

Pork, water, potato starch, pork liver, sunflower oil, calcium carbonate, guar gum, marine microalgae, salt, vitamins (vitamin E supplement, vitamin A supplement, d-calcium pantothenate, niacin supplement, riboflavin supplement, thiamine mononitrate, pyridoxine hydrochloride, vitamin D3 supplement, folic acid, biotin, vitamin B12 supplement), fructooligosaccharides, minerals (zinc sulfate, ferrous sulfate, zinc proteinate, manganese sulfate, iron proteinate, copper sulfate, manganese proteinate, potassium iodide, copper proteinate, cobalt proteinate, sodium selenite), potassium chloride, tricalcium phosphate, taurine

NUTRITIONAL DETAILS (Calculated **) & AMOUNT/CAN:

Wet (369g)

ME: 1,142 kcal/kg as is; 4,281 kcal/kg dry weight

kcal/can = 421

Percentage of Metabolizable Energy from:

Protein 37.6%

Fat 39.3%

Carbohydrates 23.1%

Nutrient	% As Is	% Dry Matter	g/1000 kcal
Protein	12.3	46.0	108.7
Fat	5.3	19.8	46.8
Crude Fibre	0.03	0.12	0.29
CHO-NFE#	7.5	28.2	66.7
Calcium	0.23	0.77	2.1
Phosphorus	0.21	0.78	1.8
Potassium	0.23	0.86	2.0
Sodium	0.15	0.55	1.3
Magnesium	0.02	0.06	0.15
Copper	4.3 mg/kg	16.2 mg/kg	3.8 mg
Taurine	651 mg/kg	2440 mg/kg	577 mg
EPA/DHA/DPA*	0.14	0.51	1.20

#Carbohydrate Nitrogen-Free Extract

*Omega-3 fatty acids: eicosapentaenoic acid/docosahexaenoic acid/docosapentaenoic acid

**The values listed represent expected numbers and are based on thorough analysis of diet ingredients; some lot-to-lot variation due to ingredient-related factors is expected. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release. Strict attention to nutrients of clinical concern is upheld with quality assurance analyses prior to product release

FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs^{17,18}.
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time, especially in spayed or neutered dogs¹⁹.
- The tables below can be used to estimate the amount to feed using the dog's optimum weight.
- Always introduce new foods gradually over 5-7 days by substituting larger amounts of the new food in place of the old diet.

ADULT HEALTH-RSS™ (Wet)		
421kcal/369g can		
Weight Class		Cans to Feed Per Day
LB	KG	
5 - 10	2.3 - 4.5	1/2 - 3/4
10 - 20	4.5 - 9.1	3/4 - 1 1/4
20 - 30	9.1 - 13.6	1 1/4 - 1 2/3
30 - 40	13.6 - 18.2	1 2/3 - 2
40 - 50	18.2 - 22.7	2 - 2 1/2
50 - 60	22.7 - 27.3	2 1/2 - 2 3/4
60 - 70	27.3 - 31.8	2 3/4 - 3
70 - 80	31.8 - 36.4	3 - 3 1/2
80 - 90	36.4 - 40.9	3 1/2 - 3 3/4
90 - 100	40.9 - 45.5	3 3/4 - 4

Please see our website to locate our Feeding Calculator. The calculator can assist with caloric requirements, feeding volumes, and includes combinations of the wet and dry diets.

Feeding guidelines are from the AAHA 2010 Nutritional Assessment Guidelines for Dogs and Cats.¹⁷ The above tables should be used as a starting guideline and the actual amounts fed may need to be increased or decreased based on each dog's individual energy requirement. Energy requirements will vary depending upon such factors as age, breed, gender and neuter status, activity level, and underlying disease state.

COMPATIBLE DRY DIET

Adult Health-RSS dry diet is available and can be fed as a complete and balanced maintenance food or in combination with the Adult Health-RSS wet diet.

COMPATIBLE TREATS

Rayne Rewards S.I.T. Pork treats are appropriate in otherwise healthy patients throughout a corresponding elimination diet trial and in stable allergic or non-allergic patients. All Rayne Rewards jerky treats are single protein, aligned with the proteins used in Rayne diets. They undergo rigorous quality control to ensure purity. Rayne Rewards S.I.T. Every Dog Apple & Pumpkin biscuits are also acceptable, vegetable-based treats for stable allergic or non-allergic patients. Ensure that energy intake from treats does not exceed 10% of daily kcal intake to reduce impact on RSS and recurrence rate of calcium oxalate uroliths²⁰. The total kcal from treats should be subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed²¹.

NUTRITIONAL ADEQUACY STATEMENT

The canine Adult Health-RSS wet diet has been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for maintenance of adult dogs.

RESEARCH & DEVELOPMENT TRIALS

Relative Super Saturation (RSS) analysis for struvite and calcium oxalate has been completed on the Adult Health-RSS wet diet.

HELP

For veterinarians wanting to discuss individualized patient recommendations, obtain additional diet information, access the veterinary login or any other questions, please call or email for a consult. One of the Rayne clinical consult team members will be pleased to communicate with you: consults@raynenutrition.com or 1-800-816-1763.

References to support these clinical indications and aid client discussions about the benefits of these veterinary exclusive diets include:

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14. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). *Applied Veterinary Clinical Nutrition*. Chichester, UK: Wiley-Blackwell, 2012:175-219.
15. Guilford WG. Nutritional management of gastrointestinal tract diseases of dogs and cats. *J Nutr* 1994; 124:2663S-2669S.
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19. Jeusette I, Detilleux J, Cuvelier C, et al. Ad libitum feeding following ovariectomy in female Beagle dogs: effect on maintenance energy requirement and on blood metabolites. *J Anim Physiol Anim Nutr (Berl).* 2004;88 (3-4):117-21.
20. Koehler LA, Osborne CA, Buettner MT, et al. Canine uroliths: frequently asked questions and their answers. *Vet Clin Small Anim* 2008; 39:161-181.
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Last updated: June 19, 2020