

## RABBIT-MAINT™ (Dry)



Rabbit-MAINT™ canine dry diets contain a limited number of highly digestible ingredients, a nutrient profile that supports gastrointestinal health, and are appropriate for elimination diet trials with novel protein sources in dogs suspected to have allergic dermatologic or gastrointestinal disease.<sup>1</sup> Rabbit is a novel protein that is naturally low in sodium and is an excellent source of niacin, vitamin B12, iron,

phosphorus, and selenium. Chickpea or quinoa provide novel protein and carbohydrate sources. Algae provides a unique plant-based omega-3 source in order to manage the most sensitive allergy patients.<sup>1</sup> An optimal blend of fibre, with the addition of prebiotics to restore beneficial intestinal flora, helps to maintain gastrointestinal health.<sup>2</sup>

### Features:

- Single animal protein source (rabbit)<sup>1,3</sup>
- No animal fat, corn, or wheat (potential allergen sources)<sup>1,4</sup>
- High palatability
- High quality protein for lean body mass
- High digestibility
- Added prebiotics (fructooligosaccharides)

### Therapeutic Indications:

- Adverse reactions to food (dermatologic and gastrointestinal)<sup>2, 4-8</sup>

## RABBIT-MAINT™ (Dry)

WITH CHICKPEA FORMULA



### INGREDIENTS (DRY):

Rabbit, dried chickpeas, dried potatoes, potato protein, potato flour, natural flavor, coconut oil, canola oil (preserved with mixed tocopherols), dicalcium phosphate, calcium carbonate, marine microalgae, salt, fructooligosaccharides, choline chloride, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamine mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), minerals (ferrous sulfate, zinc oxide, manganous oxide, copper sulfate, iron amino acid chelate, zinc amino acid chelate, manganese amino acid chelate, copper amino acid chelate, sodium selenite, cobalt carbonate, ethylenediamine dihydriodine), taurine, mixed tocopherols, rosemary extract.

### NUTRITIONAL DETAILS (Calculated \*\*) & AMOUNT/CUP:

**Dry (3 kg & 11 kg)**

**ME:** 3,574 kcal/kg as is; 3,884 kcal/kg dry weight

**Approximate g/cup:** 106

**kcal/cup:** 380 kcal

**Percentage of Metabolizable Energy from:**

Protein 25.6%

Fat 31.2%

Carbohydrates 43.2%

## RABBIT-MAINT™ (Dry)



### WITH CHICKPEA FORMULA

Nutrient	% As Is	% Dry Matter	g/1000 kcal
Protein	26.2	28.4	73.2
Fat	13.1	14.3	36.7
Crude Fibre	1.6	1.7	4.4
Total Dietary Fibre	6.4	7.0	17.9
CHO-NFE#	44.1	47.9	123.4
Calcium	1.2	1.3	3.4
Phosphorus	0.94	1.0	2.6
Potassium	1.1	1.2	3.1
Sodium	0.30	0.33	0.85
Magnesium	0.13	0.14	0.37
Copper	19.7 mg/kg	21.4 mg/kg	5.5 mg
Taurine	1234 mg/kg	1341 mg/kg	345 mg
EPA/DHA/DPA*	0.28	0.30	0.78

# 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.

## RABBIT-MAINT™ (Dry)



### WITH QUINOA FORMULA



#### INGREDIENTS (DRY):

Rabbit, quinoa, millet, potato protein, dried sweet potatoes, coconut oil, natural flavoring, canola oil, dicalcium phosphate, calcium carbonate, marine microalgae, salt, fructooligosaccharides, choline chloride, vitamins (vitamin E supplement, vitamin B12 supplement, niacin, d-calcium pantothenate, vitamin A acetate, biotin, riboflavin, thiamin mononitrate, vitamin D3 supplement, pyridoxine hydrochloride, folic acid), taurine, minerals (zinc methionine complex, zinc sulfate, iron proteinate, ferrous sulfate, copper proteinate, copper sulfate, manganese proteinate, sodium selenite, manganous oxide, calcium iodate, ethylenediamine dihydroiodide), mixed tocopherols, rosemary extract.

#### NUTRITIONAL DETAILS (Calculated \*\*) & AMOUNT/CUP:

**Dry (3 kg & 11 kg)**

**ME:** 3,568 kcal/kg as is; 3,878 kcal/kg dry weight

**Approximate g/cup:** 106

**kcal/cup:** 378 kcal

**Percentage of Metabolizable Energy from:**

Protein 25.3%

Fat 31.2%

Carbohydrates 43.5%

# RABBIT-MAINT™ (Dry)



## WITH QUINOA FORMULA

Nutrient	% As Is	% Dry Matter	g/1000 kcal
Protein	25.8	28.1	72.5
Fat	13.1	14.2	36.7
Crude Fibre	2.1	2.2	5.6
Total Dietary Fibre	2.8	3.1	8.0
CHO-NFE#	44.3	48.2	124.3
Calcium	1.1	1.3	3.4
Phosphorus	0.93	1.0	2.6
Potassium	0.63	0.68	1.8
Sodium	0.25	0.27	0.70
Magnesium	0.17	0.18	0.50
Copper	20.0 mg/kg	21.8 mg/kg	5.6 mg
Taurine	1336 mg/kg	1442 mg/kg	374 mg
EPA/DHA/DPA*	0.28	0.31	0.78

# 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.

### FEEDING GUIDELINES:

- Always follow your veterinarian's instructions, as feeding amounts can vary by as much as 30% between dogs.<sup>9,10</sup>
- Avoid free feeding (unless there is a specific medical reason); it may promote obesity over time.<sup>11</sup>
- 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.

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.

## RABBIT-MAINT™ (Dry)



### WITH CHICKPEA FORMULA

380 kcal/CUP

Weight Class		Cups 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 1/3
20 - 30	9.1 - 13.6	1 1/3 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2 1/4
40 - 50	18.2 - 22.7	2 1/4 - 2 2/3
50 - 60	22.7 - 27.3	2 2/3 - 3
60 - 70	27.3 - 31.8	3 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 3 3/4
80 - 90	36.4 - 40.9	3 3/4 - 4 1/4
90 - 100	40.9 - 45.5	4 1/4 - 4 1/2

## RABBIT-MAINT™ (Dry)



### WITH QUINOA FORMULA

378 kcal/CUP

Weight Class		Cups 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 1/3
20 - 30	9.1 - 13.6	1 1/3 - 1 3/4
30 - 40	13.6 - 18.2	1 3/4 - 2 1/4
40 - 50	18.2 - 22.7	2 1/4 - 2 2/3
50 - 60	22.7 - 27.3	2 2/3 - 3
60 - 70	27.3 - 31.8	3 - 3 1/2
70 - 80	31.8 - 36.4	3 1/2 - 3 3/4
80 - 90	36.4 - 40.9	3 3/4 - 4 1/4
90 - 100	40.9 - 45.5	4 1/4 - 4 1/2

Feeding guidelines are from the AAHA 2010 Nutritional Assessment Guidelines for Dogs and Cats.<sup>9</sup> The 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 WET DIET

Rabbit-MAINT wet diet is available and can be fed as a complete and balanced maintenance food or in combination with the Rabbit-MAINT (with chickpea) or Rabbit-MAINT (with quinoa) dry diets.

## COMPATIBLE TREATS

Rayne Rewards S.I.T. Rabbit 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, and that the total kcal from treats is subtracted from the calculated daily kcal requirement when determining the volume of diet to be fed.<sup>12</sup>

## NUTRITIONAL ADEQUACY STATEMENT FOR DIFFERENT LIFE STAGES

The canine Rabbit-MAINT (with chickpea) and Rabbit-MAINT (with quinoa) have been formulated to meet the Association of American Feed Control Officials (AAFCO) nutrient requirements for all life stages, including growth of large breed puppies (70lbs or more as an adult).

## HELP

For veterinarians or clinic staff 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](mailto:consults@raynenutrition.com) or 1-800-816-1763.

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

1. Gaschen FP and Merchant SR. Adverse food reactions in dogs and cats. *Vet Clin Small Anim* 2011(41):361- 379.
2. Cave N. Nutritional management of gastrointestinal diseases. In: Delaney SJ, Fascetti A (eds). *Applied Veterinary Clinical Nutrition*. Chichester, UK: Wiley-Blackwell, 2012:175-219.
3. Wills J and Harvey R. Diagnosis and management of food allergy and intolerance in dogs and cats. *Aust Vet J* 1994;71(10): 322-326.
4. Verlinden A, Hesta M, Millett S, et al. Food allergy in dogs and cats: a review. *Crit Rev Food Sci* 2006;46:259-73.
5. Marsella R, Miller WH, Griffin CE, et al. Hypersensitivity Disorders. In: Miller WH, Griffin CE, Campbell KL, editors. *Muller and Kirk's Small Animal Dermatology*. 7th ed. St. Louis, MO: Elsevier, 2013:363-431.
6. Simpson K and Jergens A. Pitfalls and progress in the diagnosis and management of canine inflammatory bowel disease. *Vet Clin Small Anim* 2011(41):381-398.
7. Kennis R. Food allergies: update of pathogenesis, diagnoses, and management. *Vet Clin Small Anim* 2006;36(1):175- 84.
8. Chandler M. Focus on nutrition: dietary management of gastrointestinal disease. *Compend Contin Educ Vet*. 2013;35(6): E1-E3.
9. Baldwin K, Bartges J, Buffington T, et al. AAHA nutritional assessment guidelines for dogs and cats. *J Am Anim Hosp Assoc* 2010;46(4):285-96.
10. Subcommittee on Dog and Cat Nutrition, Committee on Animal Nutrition, National Research Council. *Nutrient requirements of dogs and cats*, 2006.
11. 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.
12. Fascetti AJ and Delaney SJ. Feeding the healthy dog and cat. In: Delaney SJ, Fascetti A (eds). *Applied Veterinary Clinical Nutrition*. Chichester, UK: Wiley-Blackwell, 2012:75-94.

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