



Renal Support Moderate Protein is perfect for subclinical cases or those renal patients who have not yet developed azotemia. It is moderately restricted in highly digestible protein. This diet addresses the following key nutritional factors:

- Made 100% with ingredients certified, inspected and approved by the USDA for human consumption
- Moderate protein and phosphorus levels to reduce burden on kidneys
- Lower sodium and potassium levels to help manage progression of the disease
- Moist/wet diet to maintain hydration
- More palatable than commercial prescription diets

“The Renal Support Diets are formulated with a novel protein source: lamb. This provides me an excellent option for the many dogs who may have chicken and beef allergies and also have renal disease.”

— Dr. Julie Stegeman, DVM, DACVIM

TYPICAL ANALYSIS: Renal Support Moderate Protein

Nutrient	/kg As Fed	/kg Dry Matter	/1000 kcals
Protein	86 g	270 g	55 g
Total lipid (fat)	68 g	214 g	43 g
Carbohydrates (NFE)	153 g	480 g	98 g
Fiber, total dietary	11 g	35 g	7 g
Sugars, total	6 g	20 g	4 g
Calcium, Ca	1771 mg	5552 mg	1.13 g
Iron, Fe	13 mg	40 mg	8 mg
Magnesium, Mg	304 mg	954 mg	0.19 g
Phosphorus, P	1255 mg	3936 mg	0.80 g
Potassium, K	1635 mg	5127 mg	1.04 g
Sodium, Na	363 mg	1139 mg	0.23 g
Zinc, Zn	40 mg	126 mg	26 mg
Copper, Cu	2.58 mg	8.10 mg	1.65 mg
Manganese, Mn	5.42 mg	17.01 mg	3.46 mg
Selenium, Se	172 $\hat{A}\mu\text{g}$	538 $\hat{A}\mu\text{g}$	0.11 mg
Iodine, I	0.47 mg	1.47 mg	0.3 mg
Vitamin B1	2.33 mg	7.30 mg	1.48 mg
Vitamin B2	5.71 mg	17.89 mg	3.63 mg
Vitamin B3	34.52 mg	108.22 mg	21.99 mg
Vitamin B5	5.93 mg	18.59 mg	3.78 mg
Vitamin B6	1.73 mg	5.43 mg	1.10 mg
Folate	220 $\hat{A}\mu\text{g}$	690 $\hat{A}\mu\text{g}$	140 $\hat{A}\mu\text{g}$
Choline	800 mg	2509 mg	510 mg
Vitamin B12	52 $\hat{A}\mu\text{g}$	164 $\hat{A}\mu\text{g}$	33 $\hat{A}\mu\text{g}$
Vitamin A	21379 IU	67033 IU	13619 IU
Vitamin E	152 mg	478 mg	146 IU
Vitamin D	284 IU	890 IU	181 IU
EPA	0.25 g	0.75 g	0.15 g
DHA	0.16 g	0.50 g	0.10 g
Linoleic Acid	6.48 g	20.31 g	4.13 g
Arachidonic Acid	0.34 g	1.06 g	0.21 g
Linolenic Acid	1.58 g	4.96 g	1.01 g
Tryptophan	1.67 g	5.22 g	1.06 g
Threonine	3.61 g	11.32 g	2.30 g
Isoleucine	3.58 g	11.21 g	2.28 g
Leucine	6.74 g	21.14 g	4.30 g
Lysine	6.08 g	19.05 g	3.87 g
Methionine - Cystine	3.64 g	11.43 g	2.32 g
Phenylalanine - Tyrosine	6.36 g	19.96 g	4.06 g
Valine	4.12 g	12.92 g	2.62 g
Arginine	5.69 g	17.83 g	3.62 g
Histidine	1.98 g	6.19 g	1.26 g
Taurine	0.52 g	1.64 g	0.33 g

Renal Support Moderate Protein Vet Directed Diet 14 oz, 72 oz Fresh Frozen



DIET OVERVIEW

100% of the ingredients in our Renal Support Moderate Protein recipe are approved for human consumption. This recipe is formulated with restricted protein, sodium and phosphorus and with increased calories from fat and carbohydrates. It is formulated to meet the following key nutritional factors for nutritional management of subclinical **Renal Disease**:^{1, 2}

- Highly Digestible, High Quality Protein
- Increased Omega 3 Fatty Acids
- Balanced For Long-Term Feeding Under Veterinary Supervision
- Moderate Restricted Phosphorus, Sodium and Potassium
- Increased Vitamin B Supplementation

¹Hand MS, Thatcher CD, Remillard RL, Roudebush PR, Novotny BJ (2010) Small Animal Clinical Nutrition (5th ed.). Topeka, KS

²Jacob F, Polzin DJ, Osborne CA, et al. Clinical evaluation of dietary modification for treatment of spontaneous chronic renal failure in dogs. J AM Vet Med Assoc 2002; 220:1163-70.

DIET INDICATIONS

- Management of subclinical renal disease without concurrent azotemia
- Active or low appetite dogs requiring moderate to high caloric level
- Skin allergic dogs with possible chicken, beef or gluten allergy¹

¹Verlinden A, 2006

CONTRAINDICATIONS

- Sensitivity to any of the ingredients
- Growing puppies

INGREDIENTS

- **USDA Certified Ground Lamb** is a rich supply of high quality protein and is an especially good source of zinc and iron. It is also rich in B vitamins and is one of the best sources of the amino acid derivative carnitine.
- **Long Grain Brown Rice** is loaded with B vitamins and minerals, such as magnesium and zinc, and is an excellent source of complex carbohydrates.
- **Spinach** is rich in beta-carotene and lutein and has excellent antioxidant properties. Spinach is also a great source of vitamin K, magnesium, folate and manganese as well as omega-3 fatty acids and zinc.
- **Cauliflower** contains glucosinolates and thiocyanates, known antioxidants, and is a great source of vitamins C and K as well as folate and manganese.
- **Carrots** are full of antioxidant compounds and are one of the richest sources of pro-vitamin A carotenes. They are a very good source of vitamins C and K, potassium and dietary fiber.
- **Blueberries** are a great source of antioxidants such as ellagic acid, a phytochemical known to prevent cell damage.
- **Safflower Oil** is high in essential Omega 6 fatty acids including linoleic acid, which has been linked to reports of improvement in coat quality/sheen.¹
- **USDA Certified Lamb Liver** is a nutrient dense food. Ounce for ounce, it contains the most concentrated amounts of protein and vitamin A. It's a rich source of heme-iron, the most bioavailable form of iron. Liver is also rich in bioavailable copper, folate, riboflavin, niacin, phosphorus and zinc.

¹National Research Council Ad Hoc Committee on Dog and Cat Nutrition, 2006

INGREDIENTS (Cont.)

- **Icelandic Premium Fish Oil** provides Omega 3 fatty acids in highly biologically available forms of EPA and DHA.
- **JustFoodForDogs Nutrient Blend** is formulated specifically to meet NRC standards. The blend is compounded from 100% human grade nutraceuticals regulated by the FDA.

NUTRITIONAL SUITABILITY STATEMENT

This diet has been formulated for the long-term nutritional management of acute or chronic subclinical renal disease. For use under direction of a veterinarian.

Caloric Information Compare to: Royal Canin® Renal Support A and Hills® k/d				Guaranteed Analysis As Fed	Dry Matter	
Kcal/kg: 1570	Kcal/oz: 44	g/1000Kcal: 637		Protein	7.5%	25%
Metabolizable Energy % from:	JFFD Renal MP	2017 RC Renal Support A	2018 Hills k/d	Fat	5.5%	18.5%
Protein	24%	13%	13%	Carb (NFE)	13%	43.5%
Fat	43%	48%	46%	Fiber	2.5%	8%
Carbohydrates	33%	25%	41%	Ash	1.5%	5%
Phosphorus (mg/1000 kcals)	800	500	690	Moisture	70%	---
Sodium (mg/1000 kcals)	230	900	380	Phosphorus		0.39%
Potassium (g/1000 kcals)	1.0	1.6	2.34	Sodium		0.12%
				Potassium		0.58%
Calcium-Phosphorus ratio:				1.4:1		
Omega 6: Omega 3 ratio:				4:1		
Nutritional information averages primarily from independent lab analysis, supplemented with information originating from the USDA SR28 database.						

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RECOMMENDED DAILY FEEDING GUIDE (feeding amount per day)

For best results it is recommended that pet owners weigh the food in ounces using a digital scale. If they do not have a scale, they may estimate volume in cups per the chart below. The chart is only a guide; always adjust feeding recommendations based on careful monitoring of the weight of the patient.

Wt (lbs)	Oz (wt)	Cups (est)	Wt (lbs)	Oz (wt)	Cups (est)
5 - 10	3 - 5	0.5 – 1.0	75 - 80	25 - 27	4.0 – 4.25
15 - 20	7 - 9	1.25 – 1.5	85 - 90	28 - 29	4.5 – 4.75
25 - 30	11 - 12	1.75 – 2.0	95 - 100	29 - 31	5.0
35 - 40	14 - 15	2.25 – 2.5	110 - 115	33 - 34	5.5 – 5.75
45 - 50	17 - 18	2.75 – 3.0	120 - 125	35 - 36	5.75 – 6.0
55 - 60	20 - 21	3.25 – 3.5	130 - 135	37 - 38	6.25 – 6.5
65 - 70	22 - 23	3.75 – 4.0	140 - 145	39 - 40	6.5 – 6.75