



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 help to 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 allergy 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	65.80 g	228.59 g	44.25 g
Total lipid (fat)	75.01 g	260.60 g	50.44 g
Carbohydrates (NFE)	133.94 g	465.34 g	90.08 g
Fiber, total dietary	9.47 g	32.90 g	6.37 g
Calcium, Ca	1742.69 mg	6054.38 mg	1.17 g
Iron, Fe	12.27 mg	42.62 mg	8.25 mg
Magnesium, Mg	320.03 mg	1111.83 mg	0.22 g
Phosphorus, P	1107.40 mg	3847.27 mg	0.74 g
Potassium, K	1660.73 mg	5769.63 mg	1.12 g
Sodium, Na	354.78 mg	1232.56 mg	0.24 g
Zinc, Zn	29.30 mg	101.81 mg	19.71 mg
Copper, Cu	2.33 mg	8.09 mg	1.57 mg
Manganese, Mn	6.37 mg	22.14 mg	4.29 mg
Selenium, Se	153.30 μ g	532.58 μ g	0.10 mg
Iodine, I	0.45 mg	1.57 mg	0.30 mg
Vitamin C	63.40 mg	220.27 mg	42.64 mg
Vitamin B1	1.87 mg	6.48 mg	1.26 mg
Vitamin B2	2.40 mg	8.34 mg	1.61 mg
Vitamin B3	29.40 mg	102.13 mg	19.77 mg
Vitamin B5	6.18 mg	21.48 mg	4.16 mg
Vitamin B6	1.62 mg	5.64 mg	1.09 mg
Folate	218.65 μ g	759.64 μ g	0.15 mg
Choline	774.01 mg	2689.04 mg	520.52 mg
Vitamin B12	41.24 μ g	143.26 μ g	27.73 μ g
Vitamin A, IU	18675.02 IU	64879.81 IU	12558.90 IU
Vitamin E	96.85 mg	336.46 mg	97.69 IU
Vitamin D	269.92 IU	937.74 IU	181.52 IU
Vitamin K	119.32 μ g	414.53 μ g	80.24 μ g
EPA - DHA	0.18 g	0.63 g	0.20 g
Linoleic Acid	5.93 g	20.62 g	3.99 g
Tryptophan	0.78 g	2.70 g	0.52 g
Threonine	2.84 g	9.88 g	1.91 g
Isoleucine	3.09 g	10.72 g	2.08 g
Leucine	5.19 g	18.02 g	3.49 g
Lysine	5.06 g	17.58 g	3.40 g
Methionine - Cystine	2.43 g	8.46 g	1.64 g
Phenylalanine - Tyrosine	5.11 g	17.75 g	3.44 g
Valine	3.64 g	12.66 g	2.45 g
Arginine	4.10 g	14.26 g	2.76 g
Histidine	1.97 g	6.83 g	1.32 g
Taurine	0.60 g	2.10 g	0.41 g

Ren Support Mod

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 to achieve restrictions in protein, sodium and phosphorus, 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 and without concurrent azotemia
- Active or low appetite dogs requiring moderate to high caloric level
- Skin allergic dogs with possible chicken, beef, or gluten allergy (Verlinden 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 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. (National Research Council Ad Hoc Committee on Dog and Cat Nutrition, 2006).
- **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.

INGREDIENTS (Cont.)

- **Icelandic Premium Fish Oil** provides Omega 3 fatty acids in highly biologically available forms of EPA and DHA.
- **JFFD 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 MP and Hills® k/d				Guaranteed Analysis As Fed		Dry Matter
Kcal/kg: 1550		Kcal/oz: 44		g/1000kcal: 650		
Metabolizable Energy % from:	JFFD Renal MP	2014 RC Renal MP	2014 Hills k/d	Protein	7.0%	23.0%
Protein	17.0%	17.0%	12.0%	Fat	6.5%	22.0%
Fat	45.0%	58.0%	46.0%	Carb (NFE)	13.5%	45.0%
Carbohydrates	37.0%	25.0%	42.0%	Fiber	1.5%	5.0%
Phosphorus (mg/1000 kcals)	740	600	590	Ash	1.5%	5.0%
Sodium (mg/1000 kcals)	240	600	420	Moisture	70.0%	---
Potassium (g/1000 kcals)	1.12	2.0	1.69	Phosphorus		0.38%
				Sodium		0.12%
				Potassium		0.58%
Calcium-Phosphorus ratio:				1.6:1		
Omega 6: Omega 3 ratio:				4:1		
Nutritional Information averages according to USDA SR26 database. Nutritional information for items not available in USDA SR26 originates from manufacturers and independent lab analyses.						

Royal Canin® is a trademark of Royal Canin USA, Inc. Hill's® Prescription is a trademark of Hill's Pet Nutrition, Inc.

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	5 - 8	0.5 – 1.0	75 - 80	35 - 37	4.5 – 4.75
15 - 20	10 - 13	1.25 – 1.5	85 - 90	38 - 40	4.75 – 5.0
25 - 30	16 - 18	2.0 – 2.25	95 - 100	42 - 44	5.25 – 5.5
35 - 40	20 - 22	2.5 – 2.75	110 - 115	47 - 49	6.0 – 6.25
45 - 50	24 - 26	3.0 – 3.25	120 - 125	50 - 52	6.25 – 6.50
55 - 60	28 - 30	3.5 – 3.75	130 - 135	53 - 55	6.75 – 7.0
65 - 70	32 - 34	4.0 – 4.25	140 - 145	56 - 58	7.0 – 7.25