



Renal Support Low Protein can be an excellent diet choice for the nutritional management of dogs with azotemia and chronic or advanced kidney disease. This diet addresses the following key nutritional factors:

- Made 100% with ingredients certified, inspected and approved by the USDA for human consumption
- Low protein levels to reduce burden on kidneys and reduce build up of protein metabolic waste products
- Low sodium and potassium levels to help manage hypertension and hyperkalemia that commonly accompany kidney disease
- Low phosphorus levels to help manage progression of kidney disease
- Moist/wet diet to maintain hydration
- More palatable than commercial prescription diets

"As a veterinary toxicologist I am aware of the potential toxins that can occur naturally in pet foods. Feeding my dogs a food with trusted ingredients is important to me and that's why I choose to use JustFoodForDogs. The likelihood of a food-based toxin such as aflatoxin and other mycotoxins is lower than what might occur in dry kibbled foods. And my dogs really love it! They really thrive on it."

— Dr. John Tegzes, VMD, Dipl. ABVT

TYPICAL ANALYSIS: Renal Support Low Protein

Nutrient	/kg As Fed	/kg Dry Matter	/1000 kcals
Protein	62 g	201 g	43 g
Total lipid (fat)	54 g	176 g	37 g
Carbohydrates (NFE)	182 g	594 g	126 g
Fiber (CF)	15 g	48 g	10 g
Sugars, total	8 g	25 g	5 g
Calcium, Ca	1427 mg	4666 mg	1.0 g
Iron, Fe	12 mg	40 mg	8 mg
Magnesium, Mg	218 mg	712 mg	0.15 g
Phosphorus, P	904 mg	3072 mg	0.65 g
Potassium, K	1438 mg	4700 mg	1.00 g
Sodium, Na	332 mg	1086 mg	0.23 g
Zinc, Zn	27 mg	89 mg	19 mg
Copper, Cu	2.63 mg	8.59 mg	1.82 mg
Manganese, Mn	4.09 mg	13.36 mg	2.83 mg
Selenium, Se	154 µg	503 µg	0.11 mg
Iodine, I	0.43 mg	1.40 mg	0.30 mg
Vitamin B1	1.80 mg	5.89 mg	1.25 mg
Vitamin B2	5.28 mg	17.27 mg	3.66 mg
Vitamin B3	26.93 mg	88.04 mg	18.65 mg
Vitamin B5	5.63 mg	18.40 mg	3.90 mg
Vitamin B6	1.37 mg	4.49 mg	0.95 mg
Folate	209 µg	682 µg	145 µg
Choline	684 mg	2236 mg	474 mg
Vitamin B12	50 µg	165 µg	35 µg
Vitamin A	23844 IU	77953 IU	16517 IU
Vitamin E	138 mg	451 mg	143 IU
Vitamin D	258 IU	842 IU	178 IU
EPA	0.15 g	0.48 g	0.10 g
DHA	0.10 g	0.32 g	0.07 g
Linoleic Acid	4.32 g	14.13 g	2.99 g
Arachidonic Acid	0.27 g	0.90 g	0.19 g
Linolenic Acid	1.22 g	4.00 g	0.85 g
Tryptophan	1.24 g	4.05 g	0.86 g
Threonine	2.53 g	8.29 g	1.76 g
Isoleucine	2.54 g	8.31 g	1.76 g
Leucine	4.94 g	16.14 g	3.42 g
Lysine	3.71 g	12.14 g	2.57 g
Methionine & Cystine	2.69 g	8.77 g	1.86 g
Phenylalanine & Tyrosine	4.81 g	15.71 g	3.32 g
Valine	3.15 g	10.30 g	2.18 g
Arginine	4.23 g	13.84 g	2.93 g
Histidine	1.63 g	5.33 g	1.13 g
Taurine	0.31 g	1.01 g	0.21 g

Renal Support Low Protein Vet Directed Diet 18 oz, 72 oz Fresh Frozen

JustFood ForDogs®

More life. More years. More love.™

DIET OVERVIEW

100% of the ingredients in our Renal Support Low Protein recipe are approved for human consumption. This recipe is formulated with restricted 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 **Renal Disease** or **Liver Disease** where fat and copper restrictions are not required:^{1,2}

- Restricted Protein
- Increased Omega 3 Fatty Acids
- Balanced For Long-Term Feeding Under Veterinary Supervision
- 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 clinical renal disease with or without concurrent azotemia
- Management of clinical liver disease without hyperlipidemia or copper storage disease
- Hepatic encephalopathy

CONTRAINDICATIONS

- Sensitivity to any of the ingredients
- Growing puppies

INGREDIENTS

- **USDA Certified Ground Lamb** provides 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.
- **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.
- **Sushi Rice** contains a higher iron content and provides a desirable balance of nutrients while remaining gentle on the digestive tract.
- **Long Grain Brown Rice** is loaded with B vitamins and minerals, such as magnesium and zinc, and is an excellent source of complex carbohydrates.
- **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.
- **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.
- **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.

INGREDIENTS (Cont.)

- **Icelandic Premium Fish Oil** is sourced directly from the world’s cleanest, purest and greenest sources. This exclusive supplement is pure, potent, natural and detoxified, and 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 renal disease and liver 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: 1410	Kcal/oz: 40	g/1000Kcal: 693		Protein	5.5%	20%
Metabolizable Energy % from:	JFFD Renal LP	2017 RC Renal Support A	2018 Hills k/d	Fat	4.5%	16%
Protein	19%	13%	13%	Carb	14%	50%
Fat	37%	39%	46%	Fiber	2.5%	9%
Carbohydrates	44%	48%	41%	Ash	1.5%	5%
Phosphorus (mg/1000 kcals)	650	500	690	Moisture	72%	---
Sodium (mg/1000 kcals)	230	900	380	Phosphorus		0.31%
Potassium (g/1000 kcals)	1.0	1.6	2.34	Sodium		0.12%
				Potassium		0.53%
Calcium-Phosphorus ratio:				1.5:1		
Omega 6: Omega 3 ratio:				3.5:1		
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	4 - 6	0.5 - 1.0	75 - 80	27 - 29	4.5 - 4.75
15 - 20	8 - 10	1.25 - 1.75	85 - 90	30 - 31	5.0 - 5.25
25 - 30	12 - 14	2.0 - 2.25	95 - 100	32 - 34	5.5
35 - 40	15 - 17	2.5 - 2.75	110 - 115	36 - 37	6.0 - 6.25
45 - 50	19 - 20	3.0 - 3.25	120 - 125	39 - 40	6.5 - 6.75
55 - 60	22 - 23	3.5 - 3.75	130 - 135	41 - 42	6.75 - 7.0
65 - 70	24 - 26	4.0 - 4.25	140 - 145	43 - 45	7.25 - 7.5