



Home Cooked Renal Diets

Feline Restricted Protein Diet

A home cooked diet formulated by Hill's Pet Products – makers of Prescription Diet food, Feline k/d.

- ¼ lb. liver (beef, chicken or pork only)
- 2 cups cooked white rice without salt
- 2 large hard cooked eggs, finely chopped
- 1 tablespoon vegetable oil
- 1 teaspoon (5 grams) calcium carbonate (health food stores or ground egg shells)
- ⅛ teaspoon potassium chloride (salt substitute products)
- Also add a balanced supplement which fulfills the feline MDR for all vitamins and minerals and 250 mg taurine/day.

Dice and braise the meat, retaining the fat. Combine all ingredients and mix well. Add water (not milk) as necessary to increase palatability. Keep extra food covered in the refrigerator. Yields 1¼ lbs.

| <i>Cat Weight</i> | <i>Amount / Day</i> |
|-------------------|---------------------|
| 5 lb. | 1/4 lb |
| 7-8 lb. | 1/3 lb |
| 10 lb. | 2/3 lb |

Feline Restricted Protein Feeding guide

| | |
|----------------------|--------------|
| Protein | 7.3 % |
| Fat | 5.3 % |
| Carbohydrate | 15.8 % |
| Moisture | 70.0 % |
| Metabolizable Energy | 635 kcal./lb |

Analysis

Low Protein, Low Phosphorous Recipes

From *Home-Prepared Dog & Cat's Diet: The Healthful Alternative* by Dr. Donald R. Strombeck, UC Davis (Publisher: Iowa State Press)

For each of these four recipes, combine all ingredients, mix well, and store unused portions in the refrigerator. When prepared in the exact portions listed, each recipe provides a different amount of metabolizable energy measured in kilocalories (kcal). Please refer to the table on the right as a feeding guide. Individual needs will vary depending upon environment, season, exercise, breed, temperament, and stress factors including coinciding disease. Daily recommendations may be divided into two to four meals.

Chicken & Rice Diet*

Low protein, low phosphorus, normal potassium, normal sodium diet providing 55 grams of protein per 1000 kilocalories

- ¼ cup cooked chicken breast
- ½ ounce clams, canned, chopped in juice
- ½ cup rice, long grain, cooked
- 1 tbsp. chicken fat
- ⅛ tsp salt substitute-potassium chloride
- 1 calcium carbonate tablet (400 milligrams calcium)
- ¼ multiple vitamin-mineral tablet
- ⅒ of a B complex vitamin-trace mineral tablet

Recipe provides **297 kilocalories**, 16.3 grams protein, 14.5 grams fat. Provides phosphorus at 48%, potassium at 215%, and sodium at 160% of a cat's daily needs.

| <i>Ideal Body Weight</i> | <i>Suggested Intake in kcal/day</i> |
|--------------------------|-------------------------------------|
| 5 | 140 |
| 7 | 195 |
| 9 | 250 |
| 11 | 300 |
| 13 | 355 |
| 15 | 410 |
| 17 | 465 |

Feeding Recommendations for Adult Maintenance

*Note that a nutritionist at *The Nutrition Support Service* at the *VMTH Small Animal Clinic* (530 752-1393) has checked out this recipe and said it was a good low protein/low phosphorus diet. She noted though that the recipe was not good for long term maintenance as it was somewhat low in calcium. She recommended adding calcium phosphate, specifically a product called **Posture** which comes in 1500 mg. tablets and adding half a tablet per recipe. She also said that chicken fat could be substituted with other sources of fat such as bacon grease, safflower oil, or canola oil.

Egg Diet

Low protein, low-phosphorus, normal potassium, normal sodium diet providing 54.2 grams protein per 1000 kilocalories

- 2 eggs, large, hardboiled
- ½ ounce clams, canned, chopped in juice
- 1 Tbsp. chicken fat
- ⅛ tsp salt substitute-potassium chloride
- 1 calcium carbonate tablet (400 milligrams calcium)
- ¼ multiple vitamin-mineral tablet
- ⅒ of a B complex vitamin-trace mineral tablet

Recipe provides **308 kilocalories**, 16.7 grams protein, 25 grams fat. Provides phosphorus at 89%, potassium at 274%, sodium at 673% of cat's daily needs.

Eggs & Rice Diet

Low protein, low phosphorus, normal potassium, normal sodium providing 45.7 grams protein per 1000 kilocalories

- 2 eggs, large, hard boiled
- ½ oz clams, canned, chopped in juice
- ½ cup rice, long grained, cooked
- 1 Tbsp. chicken fat
- ⅛ tsp salt substitute - potassium chloride
- 1 Calcium Carbonate tablet (400 milligrams calcium)
- ¼ multiple vitamin-mineral tablet
- ⅒ of a B complex vitamin-trace mineral tablet

Recipe provides **411 kilocalories**, 18.8 grams protein, 25.2 grams fat. Provides phosphorus at 69% potassium at 189% and sodium at 440% of a cat's daily needs.

Beef Diet

Low protein, low phosphorus, normal potassium, normal sodium diet providing 55.3 grams protein per 1000 kilocalories

- 4 oz lean ground beef (raw weight) cooked
- ½ oz clams, canned, chopped in juice
- 5 tsp. chicken fat
- 1 calcium carbonate tablet (400 milligrams calcium)
- ¼ multiple vitamin-mineral tablet
- ⅒ of a B complex vitamin trace mineral tablet

Recipe provides **430 kilocalories**, 23.8 grams protein, 35.8 grams fat. Provides phosphorus at 50%, potassium at 126% and sodium at 234% of a cat's daily needs.