

Table 37-11. Key nutritional factors in selected commercial veterinary therapeutic foods for dogs with chronic kidney disease compared to recommended levels.*

	Energy density (kcal/can)**	Protein (%)	P (%)	NA (%)	K (%)	Omega-3 fatty acids (%)	Omega-6: omega-3	Vit E (IU/kg)	Vit C (mg/kg)
Recommended levels	-	14-20	0.2-0.5	≤0.3	0.4-0.8	0.4-2.5	1:1-7:1	≥400	100-200
Hill's Prescription Diet g/d Canine Early Cardiac-Healthy Aging	377/13 oz.	18.1	0.41	0.22	0.78	0.67	3.7:1	719	107
Hill's Prescription Diet k/d Canine Renal Health	458/13 oz.	14.8	0.22	0.19	0.37	1.93	2.3:1	844	130
Hill's Prescription Diet u/d Canine Non-Struvite Urinary Tract Health	489/13 oz.	13.3	0.17	0.28	0.45	0.38	13.5:1	643	na
Medi-Cal Reduced Protein	574/13.6 oz.	27.3	0.47	0.47	1.36	na	na	na	na
Medi-Cal Renal LP	660/13.6 oz.	20.0	0.34	0.34	1.20	na	na	na	na
Medi-Cal Renal MP	611/13.6 oz.	27.7	0.37	0.49	1.40	na	na	na	na
Medi-Cal Weight Control/Mature	396/13.6 oz.	28.2	0.70	0.61	0.89	na	na	na	na
Purina Veterinary Diets NF KidNey Function Canine Formula	501/12.5 oz.	20.4	0.28	0.20	1.01	0.56	7.8:1	na	na
Royal Canin Veterinary Diet Renal LP Modified	661/13.6 oz.	21.0	0.34	0.34	1.14	na	na	864	na
Royal Canin Veterinary Diet Renal MP Modified	661/13/6 oz.	23.1	0.40	0.40	1.39	2.00	4.2:1	1003	805
Dry foods	Energy density (kcal/cup)**	Protein (%)	P (%)	NA (%)	K (%)	Omega-3 fatty acids (%)	Omega-6: omega-3	Vit E (IU/kg)	Vit C (mg/kg)
Recommended levels	-	14-20	0.2-0.5	≤0.3	0.4-0.8	0.4-2.5	1:1-7:1	≥400	100-200
Hill's Prescription Diet g/d Canine Early Cardiac-Healthy Aging	358	18.3	0.43	0.20	0.71	0.83	3.6:1	261	na
Hill's Prescription Diet k/d Canine Renal Health	396	14.3	0.25	0.23	0.67	1.54	2.1:1	677	336
Hill's Prescription Diet u/d Canine Non-Struvite Urinary Tract Health	396	10.9	0.22	0.23	0.55	0.79	4.5:1	745	na
Iams Veterinary Formula Renal Early Stage	245	21.0	0.46	0.41	0.63	na	na	na	na
Medi-Cal Reduced Protein	407	15.0	0.40	0.13	1.01	na	na	na	na
Medi-Cal Renal LP	325	13.9	0.34	0.21	0.97	na	na	na	na
Medi-Cal Renal MP	320	17.2	0.44	0.27	0.97	na	na	na	na
Medi-Cal Weight Control/Mature	295	18.9	0.72	0.34	1.10	na	na	na	na
Purina Veterinary Diets NF KidNey Function Canine Formula	459	15.9	0.29	0.22	0.86	0.30	9.3:1	na	na
Royal Canin Veterinary Diet Renal LP 11 Modified	271	13.9	0.34	0.21	0.97	0.71	4.2:1	668	319
Royal Canin Veterinary Diet Renal MP 14 Modified	320	17.2	0.44	0.27	0.97	0.73	4.4:1	667	334

Key: P = phosphorus, Na = sodium, K = potassium, omega-6:omega-3 = omega-6 to omega-3 fatty acid ratio, Vit. E = vitamin E, Vit. C = vitamin C, na = information not available from manufacturer, g = grams.

*All values are reported on a dry matter basis unless otherwise indicated. Moist foods are best. All values were obtained from manufacturers' published information.

**Energy density as fed (per can or cup) is useful for determining the amount to feed cup = 8-oz. measuring cup to convert kcal to kJ, multiply kcal by 4.184.