

2006 NRC Nutrient Requirements for Puppies after Weaning

Nutrient (Amount/1,000 kcal ME) ^a	Minimum	Maximum	Recommended Allowance
<i>Protein, Growing Puppies 4–14 wk Old</i>			
Protein (g)	45		56.3
Arginine (g)	1.58		1.98
Histidine (g)	0.78		0.98
Isoleucine (g)	1.30		1.63
Leucine (g)	2.58		3.22
Lysine (g)	1.75	>20	2.20
Methionine (g)	0.70		0.88
Methionine + cystine (g)	1.40		1.75
Phenylalanine (g)	1.30		1.63
Phenylalanine + tyrosine (g)	2.60		3.25
Threonine (g)	1.63		2.03
Tryptophan (g)	0.45		0.58
Valine (g)	1.35		1.70
<i>Protein, Growing Puppies ≥14 wk Old</i>			
Protein (g)	35		43.8
Arginine (g)	1.33		1.65
Histidine (g)	0.50		0.63

Nutrient (Amount/1,000 kcal ME) ^a	Minimum	Maximum	Recommended Allowance
Isoleucine (g)	1.00		1.25
Leucine (g)	1.63		2.05
Lysine (g)	1.40		1.75
Methionine (g)	0.53		0.65
Methionine + cystine (g)	1.05		1.33
Phenylalanine (g)	1.00		1.25
Phenylalanine + tyrosine (g)	2.00		2.50
Threonine (g)	1.25		1.58
Tryptophan (g)	0.35		0.45
Valine (g)	1.13		1.40
<i>Fat, minerals, and vitamins, all puppies</i>			
Fat (g)		330	21.3
Linoleic acid (g)		65	3.3
α -Linolenic acid (g)			0.2
Arachidonic acid (g)			0.08
Eicosapentaenoic + docosahexaenoic acid (g)		11	0.13
Minerals			
Calcium (g)	2.0	18	3.0

Nutrient (Amount/1,000 kcal ME) ^a	Minimum	Maximum	Recommended Allowance
Phosphorus (g)			2.5
Potassium (g)			1.1
Sodium (mg)			550
Chloride (mg)			720
Magnesium (mg)	45		100
Iron (mg)	18		22
Copper (mg)			2.7
Manganese (mg)			1.4
Zinc (mg)	10		25
Iodine (mcg)			220
Selenium (mcg)	52.5		87.5
Vitamins			
Vitamin A (retinol equivalents)		3,750	379
Cholecalciferol (mcg)		20	3.4
Vitamin E (α -tocopherol, mg)			7.5
Vitamin K (menadione, mg)			0.41
Thiamine (mg)			0.34
Riboflavin (mg)	1.05		1.32

Nutrient (Amount/1,000 kcal ME) ^a	Minimum	Maximum	Recommended Allowance
Pantothenic acid (mg)			3.75
Niacin (mg)			4.25
Pyridoxine (mg)			0.375
Folic acid (mcg)			68
Vitamin B ₁₂ (mcg)			8.75
Choline (mg)			425
^a ME = metabolizable energy			