

## 2006 NRC Nutrient Requirements for Adult Dogs (Maintenance) a

Nutrient (Amount/1,000 kcal ME) <sup>b</sup>	Minimum	Maximum	Recommended Allowance
<b>Protein (g)</b>	20		25
Arginine (g)	0.70		0.88
Histidine (g)	0.37		0.48
Isoleucine (g)	0.75		0.95
Leucine (g)	1.35		1.70
Lysine (g)	0.70		0.88
Methionine (g)	0.65		0.83
Methionine + cystine (g)	1.30		1.63
Phenylalanine (g)	0.90		1.13
Phenylalanine + tyrosine (g)	1.48		1.85
Threonine (g)	0.85		1.08
Tryptophan (g)	0.28		0.35
Valine (g)	0.98		1.23
<b>Fat (g)</b>		82.5	13.8

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<sup>b</sup> ME = metabolizable energy

<b>Nutrient (Amount/1,000 kcal ME)<sup>b</sup></b>	<b>Minimum</b>	<b>Maximum</b>	<b>Recommended Allowance</b>
Linoleic acid (g)		16.3	2.8
$\alpha$ -Linolenic acid (g)			0.11
Eicosapentaenoic + docosahexaenoic acid (g)		2.8	0.11
<b>Minerals</b>			
Calcium (g)	0.50		1.0
Phosphorus (g)		0.5	0.75
Potassium (g)			1.0
Sodium (g)	75		200
Chloride (mg)			300
Magnesium (mg)	45		150
Iron (mg)			7.5
Copper (mg)			1.5
Manganese (mg)			1.2
Zinc (mg)			15
Iodine (mcg)	175		220
Selenium (mcg)			87.5
<b>Vitamins</b>			
Vitamin A (retinol equivalents)		16,000	379

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<b>Nutrient (Amount/1,000 kcal ME)<sup>b</sup></b>	<b>Minimum</b>	<b>Maximum</b>	<b>Recommended Allowance</b>
Cholecalciferol (mcg)		20	3.4
Vitamin E ( $\alpha$ -tocopherol, mg)			7.5
Vitamin K (menadione, mg)			0.41
Thiamine (mg)			0.56
Riboflavin (mg)	1.05		1.3
Pantothenic acid (mg)			3.75
Niacin (mg)			4.25
Pyridoxine (mg)			0.375
Folic acid (mcg)			67.5
Vitamin B <sub>12</sub> (mcg)			8.75
Choline (mg)			425

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