

Mixed Protein Raw Food

for Growing Puppies

Recipe by Karen Shaw Becker, DVM

- 5 pounds (2270g) Raw chicken wings with skin, ground
- 4 pounds (1816g) 90% lean ground beef, raw
- 4 pounds (1816g) Raw beef hearts, chopped
- 1 pound (454g) Raw carrots, finely chopped
- 1 pound (454g) Raw broccoli, finely chopped
- 1 pound (454g) Raw brown (crimini) mushrooms, finely chopped

- 12 ounces (340g) Raw beef liver, chopped
- 8 ounces (227g) Cooked pink salmon (if you use canned, drain the liquid)

- 8 ounces (227g) Raw endive, finely chopped
- 5 ounces (142g) Raw sunflower seeds, finely ground
- 4 ounces (114g) Raw blueberries, chopped
- 4 ounces (114g) Raw cilantro, finely chopped
- 4 ounces (114g) Raw flaxseeds, freshly ground
- 3 ounces (85g) Dried oregano (from your spice drawer)
- 3 ounces (85g) Dried thyme (from your spice drawer)
- 1 ounce (28g) Dried basil (from your spice drawer)
- 0.3 ounces (8g) Kelp powder (that contains iodine)

Mix all ingredients together in a large bowl, then add in supplements:

Supplements:

200mg Zinc gluconate

Capsules from health food store; open capsules and mix powder thoroughly and completely throughout entire batch of food prior to freezing in portions.

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FEDIAF 2016 - Growth, <50% of adult wt					Daily Amt
Minerals	Unit	minimums	maximums	Recipe	
Ca	g	2.50	4.00	2.86	1.87
P	g	2.25		2.45	1.60
Ca: P ratio	:1	1:1	1.6:1 - 2:1	1.17 : 1	
K	g	1.10		2.19	1.43
Na	g	0.55		0.58	0.38
Mg	g	0.10		0.31	0.20
Cl (no USDA data)	g	0.83		0.01	0.01
Fe	mg	22.00		27.49	17.97
Cu	mg	2.75	7.10	4.27	2.79
Mn	mg	1.40		2.11	1.38
Zn	mg	25.00		31.77	20.77
I (no USDA data)	mg	0.38		0.451	0.29
Se	mg	0.10		0.118	0.08

MACRONUTRIENT ANALYSIS			
Composition	Atwater Standard		
	as formulated	DM	% kcal
Protein	15%	52%	44%
Fat	8%	26%	50%
Ash	2%	8%	
Moisture	71%		
Fiber	2%	6%	
Net Carbs	2%	7%	6%
Sugars (limited data)	1%	2%	2%
Starch (limited data)	0%	0%	0%
Total			100%

FEDIAF 2016 - Growth, <50% of adult wt					Daily Amt
Vitamins	Unit	minimums	maximums	Recipe	
Vit A	IU	1,250.00		12832.32	8,389
Vit D	IU	138.00		614.12	401
Vit E	IU	12.50		15.58	10
Thiamine, B1	mg	0.45		1.04	0.7
Riboflavin, B2	mg	1.05		2.97	1.9
Niacin, B3	mg	3.40		34.94	22.8
Pantothenic Acid, B5	mg	3.00		7.91	5.2
B6 (Pyridoxine)	mg	0.30		2.49	2
Vit B12	mg	0.01		0.034	0.022
Folate	mg	0.05		0.260	0.170
Choline	mg	425.00		651.34	426

Macronutrient Information	
total kcal in recipe	12,038
kcal / oz	39
kcal per pound	624
kcal / day	654
recipe makes, # of days	18.4
kcal / kg	1,377
kcal per kg DM	4,738
grams to feed per day	475
ounces to feed per day	16.7

FEDIAF 2016 - Growth, <50% of adult wt					Daily Amt
FATS	Unit	minimums	maximums	Recipe	
Total	g	21.25		55.27	36.13
Saturated	g			17.45	11.41
Monounsaturated	g			23.20	15.16
Polyunsaturated	g			12.94	8.46
LA	g	3.25	16.25	9.37	6.13
ALA	g	0.20		2.23	1.46
AA	g	0.08		0.44	0.29
EPA + DHA	g	0.13		0.21	0.13
EPA	g			0.07	0.04
DPA	g			0.04	0.02
DHA	g			0.14	0.09
omega-6/omega-3	:1			4.02	

FEDIAF 2016 - Growth, <50% of adult wt					Daily Amt
Amino Acids	Unit	minimums	maximums	Recipe	
Total protein	g	62.50		109.89	71.84
Tryptophan	g	0.58		1.09	0.72
Threonine	g	2.03		4.65	3.04
Isoleucine	g	1.63		9.17	5.99
Leucine	g	3.23		8.70	5.69
Lysine	g	2.20	7.00	8.81	5.76
Methionine	g	0.88		2.61	1.71
Methionine - cystine	g	1.75		3.74	2.44
Phenylalanine	g	1.63		4.48	2.93
Phenylalanine - tyrosi	g	3.25		7.99	5.22
Valine	g	1.70		5.52	3.61
Arginine	g	2.05		7.09	4.63

Red-shaded areas (if any) do not meet dog growth > of EU, AAFCO.