

Online Supporting Material

Supplemental Table1 Experimental diets¹

Ingredient	LF diet, g/kg	HF diet, g/kg
Casein	189.6	233.1
L-Cystine	2.8	3.5
Corn Starch	298.6	84.8
MaltoDextrin	33.2	116.5
Sucrose	331.8	201.4
Cellulose	47.4	58.3
Soybean Oil	23.7	29.1
Lard	19.0	206.9
Trace Element Mix ²	9.5	11.7
Dicalcium phosphate	12.3	15.2
Calcium Carbonate	5.2	6.4
Potassium Citrate, 1H ₂ O	15.6	19.2
Vitamin Mix AIN76A ³	9.5	11.7
Choline Bitartrate	1.9	2.3
Total	1000	1000
<u>Calculated content</u>		
Total energy, kcal/kg	3700	4600
Total fat, g/kg	43	235
Fat calories, %	10	45
n6:n3 fatty acid ratio	8	13

¹ Research Diets, Inc., New Brunswick, NJ.

² Amounts per 10 g of premix: 0.5 g Mg, 0.3 g S, 1.0 g Na, 1.6 g Cl, 6.0 mg Cu, 0.2 mg I, 45.0 mg Fe, 59mg Mn, 0.2 mg Se and 29 mg Zn.

³ Amount per 10 g of premix:: 4000 IU vitamin A palmitate, 1000 IU cholecalciferol, 50 IU vitamin E acetate, 0.5 mg menadione sodium bisulfate, 0.2 mg biotin, 10 mg cyanocobalamin, 2 mg folic acid, 30 mg nicotinic acid, 16 mg calcium pantothenate, 7 mg pyridoxine-HCL, 6 mg riboflavin, 6 mg thiamin HCl.