

## Supplementary Table

**Table S1** The ingredients of the normal diet (ND).

<b>Macronutrient</b>	<b>gm%</b>	<b>kcal%</b>
Protein	19.2	20
Carbohydrate	67.3	70
Fat	4.3	10
Total	—	100
kcal/gm	3.85	—
<b>Ingredient</b>	<b>gm</b>	<b>kcal</b>
Casein, 30 Mesh	200	800
L-Cystine	3	12
Corn Starch	315	1260
Maltodextrin 10	35	140
Sucrose	350	1400
Microcrystalline Cellulose	50	0
Soybean Oil	25	225
Lard*	20	180
Vitamin Mix	10	40

\*Typical analysis of cholesterol in lard = 0.72 mg/gram.

Cholesterol (mg)/4057 kcal = 54.4

Cholesterol (mg)/kg = 51.6

**Table S2** The ingredients of the high fat diet (HFD).

<b>Macronutrient</b>	<b>gm%</b>	<b>kcal%</b>
Protein	24	20
Carbohydrate	41	35
Fat	24	45
Total	—	100
kcal/gm	4.73	—
<b>Ingredient</b>	<b>gm</b>	<b>kcal</b>
Casein, 30 Mesh	200	800
L-Cystine	3	12
Corn Starch	72.8	291
Maltodextrin 10	100	400
Sucrose	172.8	691
Microcrystalline Cellulose	50	0
Soybean Oil	25	225
Lard*	177.5	1598
Vitamin Mix	10	40

\*Typical analysis of cholesterol in lard = 0.72 mg/gram.

Cholesterol (mg)/4057 kcal = 167.8

Cholesterol (mg)/kg = 195.5