

**Supplemental Table 1.** Diet composition

Diet %	LFD (D12450B)		HFD (D12451)		HFD+BSA (D12011801)	
	g	kcal	g	kcal	g	kcal
Protein	19.2	20	23.7	20	23.7	20
Carbohydrate	67.3	70	41.4	35	41.4	35
Fat	4.3	10	23.6	45	23.6	45
Total		100		100		100
kcal/g	3.8		4.7		4.7	
Ingredients	g	kcal	g	kcal	g	kcal
Casein	200	800	200	800	0	0
Albumin, Bovine	0	0	0	0	200	800
Lactoferrin	0	0	0	0	0	0
L-Cystine	3	12	3	12	3	12
Corn Starch	315	1260	72.8	291	72.8	291
Maltodextrin 10	35	140	100	400	100	400
Sucrose	350	1400	172.8	691	172.8	691
Cellulose, BW200	50	0	50	0	50	0
Soybean oil	25	225	25	225	25	225
Lard	20	180	177.5	1598	177.5	1598
Mineral Mix S10026	10	0	10	0	10	0
DiCalcium Phosphate	13	0	13	0	13	0
Calcium Carbonate	5.5	0	5.5	0	5.5	0
Potassium Citrate, 1 H <sub>2</sub> O	16.5	0	16.5	0	16.5	0
Vitamin Mix V10001	10	40	10	40	10	40
Choline Bitartrate	2	0	2	0	2	0
FD&C Yellow Dye 5	0.05	0	0	0	0.025	0
FD&C Red Dye 40	0	0	0.05	0	0.025	0
FD&C Blue Dye 1	0	0	0	0	0	0
Total	1055.05	4057	858.15	4057	858.15	4057

Abbreviations: LFD, 10% energy fat, 20% energy casein; HFD, 45% energy fat, 20% energy casein; HFD+BSA, 45% energy fat, 20% energy bovine serum albumin