

Online supporting Material

Supplemental Table 1. Composition and calcium and energy content of study diets during 10 wk of intervention ^{1,2}

INGREDIENT	CTL	EnR
	g	
Casein	140	140
L-Cystine	1.8	1.8
L-Cystine	520.7	214.1
Maltodextrin	100	75
Sucrose	100	46.6
Cellulose	50	50
Soybean Oil	10	10
Lard	30	30
TBHQ	0.008	0.008
Mineral mix S10022M ³	35	35
Vitamin mix V10037 ³	10	10
Choline Bitartrate	2.5	2.5
Total Weight (g)	1000.1	615.1
Calcium (mg/g diet)	5.0	8.1
Phosphorus (mg/g diet)	3.0	4.9
Energy (kJ/g diet)	15.2	15.0
% Energy		
Carbohydrate	75.6	59.1
Protein	14.9	25.0
Fat	9.5	15.9

¹Prepared by Research diets, Inc., New Brunswick, NJ

²Diet abbreviations: CTL = control for mature rats; EnR = 40% energy restriction.

³ See Reference 21