

Table 1. Diet Composition [16].

	HF	HF-EPA
Fat, % energy	45	45
Carbohydrate, % energy	35	35
Protein, % energy	20	20
Digestible energy, kJ/g	19.8	19.8
	g/kg	
Lard	207	171
Soybean oil	29	29
EPA, ethyl ester	0	36
Mineral mix, S10026 ¹	12	12
Dicalcium phosphate	15	15
Calcium carbonate	6	6
Potassium citrate, 1 H₂O	19	19
Vitamin mix, V10001 ¹	12	12
Choline bitartrate	2	2
dl-α-Tocopheryl acetate	0.15	0.15
	% total fatty acids	
SFA	36.3	30.0
14:0	0.8	0.7
16:0	22.6	18.7
18:0	12.9	10.6
Monounsaturated fats	45.3	37.6
14:1	0.5	0.4
16:1(n-9)	3.5	2.9
18:1(n-9)	41.3	34.3
PUFA	18.5	32.4
18:2(n-6)	14.9	13.5
18:3(n-3)	1.9	1.8
20:4(n-6)	1.6	1.3
20:5(n-3)	0.0	16.1

¹ Research Diets; composition of mineral and vitamin mix as described previously by DeFuria et al. [26]

Table 2. Characteristics in C57BL/6J HF and HF-EPA Mice.

	HF	HF-EPA	<i>p</i>-value
Dead weight, g	40.14 ± 1.2	40.6 ± 1.1	NS
Adiposity Index, %	14.8 ± 0.4	15.6 ± 0.5	NS
Plasma TG, mmol/L	0.48 ± 0.03	0.39 ± 0.03	0.04
Liver TG ¹ , μ mol/g	82 ± 2.4	54 ± 6.2	<0.001

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