

**Supplementary Table 1 The compositions of the high-fat and high-sugar diet**

<b>Class description</b>	<b>compositions</b>	<b>weight (g)</b>
Protein	Casein, Lactic	200.00
Protein	Cystine, L	3.00
Carbohydrate	Sucrose	176.80
Carbohydrate	Lodex	100.00
Carbohydrate	Starch, Corn	72.80
Fiber	Solka Floc, FCC200	50.00
Fat	Lard	177.50
Fat	Soybean Oil, USP	25.00
Mineral	S10026B	50.00
Vitamin	Choline Bitartrate	2.00
Vitamin	V10001C	1.00
Dye	Dye	0.05
		Total 85815

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S10026B and V10001C are mixture that supplemented by Research diets.