

Table 2. Serum glucose and insulin of fasted offspring at Week 18

	Treatment	Glucose (mg/dL)	Insulin (pg/mL)	QUICKI	
<b>Female</b>	<b>Low Fat Diet</b>				
		Vehicle	167.8 ± 28.0	602.8 ± 374.1	0.760 ± 0.170
		GenX 0.2mg/kg	159.9 ± 18.7	686.9 ± 598.6	0.741 ± 0.139
		GenX 1.0mg/kg	162.0 ± 27.1	543.0 ± 383.7	0.790 ± 0.176
		GenX 2.0mg/kg	158.4 ± 56.0	373.9 ± 271.8	1.174 ± 0.850
		PFOA 0.1mg/kg	180.4 ± 14.9	411.1 ± 307.5	0.910 ± 0.300
		PFOA 1.0mg/kg	155.3 ± 19.1	701.8 ± 846.9	0.857 ± 0.279
		<b>High Fat Diet</b>			
		Vehicle	188.0 ± 19.0	1539.3 ± 1067.1	0.573 ± 0.127
		GenX 0.2mg/kg	153.1 ± 16.9	903.0 ± 619.1	0.676 ± 0.128
		GenX 1.0mg/kg	183.0 ± 22.3	2876.7 ± 2614.2	0.547 ± 0.165
		GenX 2.0mg/kg	172.8 ± 36.4	829.8 ± 581.0	0.713 ± 0.231
		PFOA 0.1mg/kg	165.6 ± 17.1	653.0 ± 689.9	0.808 ± 0.229
		PFOA 1.0mg/kg	203.1 ± 50.4	<b>6162.4 ± 7279.9*</b>	0.577 ± 0.315
<b>Male</b>	<b>Low Fat Diet</b>				
		Vehicle	179.7 ± 26.5	933.5 ± 791.3	0.802 ± 0.473
		GenX 0.2mg/kg	190.4 ± 32.3	1043.9 ± 515.6†	0.600 ± 0.094
		GenX 1.0mg/kg	192.4 ± 31.1	2506.5 ± 1588.8†	0.530 ± 0.187
		GenX 2.0mg/kg	181.0 ± 22.9	<b>6597.5 ± 8869.8*, †</b>	<b>0.463 ± 0.103*</b>
		PFOA 0.1mg/kg	190.0 ± 29.3	2048.4 ± 1301.0†	0.587 ± 0.281
		PFOA 1.0mg/kg	250.2 ± 199.0	4271.2 ± 3391.1†	<b>0.456 ± 0.114*</b>
		<b>High Fat Diet</b>			
		Vehicle	255.6 ± 113.6	4775.8 ± 1899.4	0.407 ± 0.044
		GenX 0.2mg/kg	251.0 ± 137.8	7282.4 ± 7409.6	0.407 ± 0.078
		GenX 1.0mg/kg	252.6 ± 118.0	<b>20027.8 ± 18986.2*</b>	0.354 ± 0.074
		GenX 2.0mg/kg	196.2 ± 46.1	6135.3 ± 4838.6	0.423 ± 0.063
		PFOA 0.1mg/kg	208.4 ± 93.4	4452.9 ± 3456.6	0.444 ± 0.064
		PFOA 1.0mg/kg	198.1 ± 36.6	4954.8 ± 2416.4	0.421 ± 0.045

Note: Data presented as mean ± SD, N = 7-11. \*P<0.05 relative to vehicle control (one-way ANOVA, Dunnett's post within diet. †P<0.001, Jonckheere's trend test for a dose response across the GenX and PFOA doses  
Abbr: QUICKI = Quantitative Insulin Sensitivity Check Index