

Table 3. Female serum hormone and metabolite levels in the fasted, fed, or ambient states

	<i>Gcgr</i> ^{+/+}		<i>Gcgr</i> ^{-/-}	
	Fasted	Fed	Fasted	Fed
Glucose, mM	6.5 ± 0.3	6.6 ± 0.4	4.8 ± 0.4**	5.4 ± 0.1**
Insulin, ng/ml	0.68 ± 0.11	1.22 ± 0.26	0.76 ± 0.09	0.84 ± 0.13
Glucagon, pg/ml [†]	99 ± 15	148 ± 28	21886 ± 2720***	8404 ± 1285***
Leptin, ng/ml [†]	8.6 ± 1.0	ND	5.1 ± 0.4*	ND
TG, mM [†]	0.77 ± 0.11	0.96 ± 0.21	0.85 ± 0.11	0.37 ± 0.05*
LDL, mM [†]	0.12 ± 0.01	0.15 ± 0.01	0.28 ± 0.01***	0.25 ± 0.03**

TG, triglycerides; LDL, low-density lipoprotein. Data are the mean ± SEM, *n* = 5–7. *, *P* < 0.05; **, *P* < 0.01; ***, *P* < 0.001.

[†]Ambient plasma levels were determined.