

Table 2. Clinical Chemistry Data for Mice in the 90-d Gavage Study of CYN^a.

Dose ($\mu\text{g}/\text{kg}$)	0	75	150	300
Male				
<i>n</i>	10	10	9	10
ALP (IU/L)	38.3 \pm 3.3	31.6 \pm 0.7	35.4 \pm 2.7	46.1 \pm 5.0
ALT (IU/L)	68.6 \pm 7.3	56.5 \pm 5.4	63.2 \pm 11.9	112.7 \pm 14.0*
TBA ($\mu\text{mol}/\text{L}$)	0.96 \pm 0.21	1.05 \pm 0.20	0.98 \pm 0.13	1.26 \pm 0.29
BUN (mg/dL)	23.6 \pm 2.3	17.8 \pm 0.8*	16.8 \pm 1.7**	16.2 \pm 0.9*
Creatinine (mg/dL)	0.16 \pm 0.02	0.10 \pm 0.00	0.16 \pm 0.02	0.15 \pm 0.02
Glucose (mg/dL)	174.4 \pm 8.1	184.4 \pm 8.3	167.2 \pm 7.1	170.4 \pm 8.4
Albumin (g/dL)	2.8 \pm 0.08	3.1 \pm 0.04*	2.9 \pm 0.08	2.9 \pm 0.06
Total protein (g/dL)	5.5 \pm 0.2	5.5 \pm 0.1	5.4 \pm 0.2	5.2 \pm 0.1
Cholesterol (mg/dL)	148.7 \pm 12.4	130.3 \pm 6.4	114.3 \pm 5.1*	95.7 \pm 5.7*
Triglycerides (mg/dL)	168.8 \pm 22.3	145.6 \pm 18.9	152.8 \pm 29.9	99.5 \pm 9.7*
Female				
<i>n</i>	9	10	10	10
ALP (IU/L)	57.3 \pm 5.6	48.0 \pm 3.1	55.4 \pm 8.2	78.9 \pm 5.7*
ALT (IU/L)	91.7 \pm 38.6	194.4 \pm 116.6	112.7 \pm 44.5	83.6 \pm 11.5
TBA ($\mu\text{mol}/\text{L}$)	2.93 \pm 0.45	3.93 \pm 1.68	2.94 \pm 0.66	2.87 \pm 0.46
BUN (mg/dL)	21.9 \pm 0.7	20.6 \pm 1.0	16.4 \pm 1.0*	21.4 \pm 1.2
Creatinine (mg/dL)	0.17 \pm 0.02	0.18 \pm 0.01	0.13 \pm 0.02	0.18 \pm 0.02
Glucose (mg/dL)	165.9 \pm 5.1	176.0 \pm 10.5	159.7 \pm 4.9	160.9 \pm 6.4
Albumin (g/dL)	3.1 \pm 0.06	3.4 \pm 0.06*	3.2 \pm 0.03	3.1 \pm 0.09
Total protein (g/dL)	5.3 \pm 0.1	5.4 \pm 0.1	5.3 \pm 0.1	5.2 \pm 0.1
Cholesterol (mg/dL)	113.8 \pm 10.1	89.2 \pm 7.3	99.1 \pm 7.5	91.4 \pm 8.7
Triglycerides (mg/dL)	204.7 \pm 21.8	206.4 \pm 28.7	245.3 \pm 29.1	226.0 \pm 25.4

^aData are given as mean \pm standard error; ALP = alkaline phosphatase, ALT = alanine aminotransferase, TBA = total bile acids, BUN = blood urea nitrogen.

*Significant differences ($p \leq .05$) from control using Wilcoxon and Kruskal–Wallis tests.

**Significant differences ($p \leq 0.01$) from control using Wilcoxon and Kruskal–Wallis tests.