

Supplementary Table 2: Group mean- Serum biochemistry (Mean± SD, N = 3)

Sex	Male				Female			
Group	Solvent control	30 mg/kg	120 mg/kg	450 mg/kg	Solvent control	30 mg/kg	120 mg/kg	450 mg/kg
ALT (U/L)	70.7 ±14.2	53.3 ±4.5	86.7 ±5.3	79.7 ±25.7	43.7 ±15.5	39.7 ±10.7	59.7 ±15.6	80.3 ±26.5
AST (U/L)	134 ±27	115 ±14	137 ±8	125 ±27	117 ±14	124 ±20	107 ±9	115 ±14
Total Protein (g/L)	53.8 ±1.7	54.8 ±1.6	52.9 ±2.6	51.5 ±2.1	59.4 ±3.2	53.9 ±2.3	63.0 ±3.5	58.8 ±3.3
Albumin (g/L)	33.2 ±0.5	33.6 ±0.7	33.1 ±0.5	32.4 ±0.4	36.7 ±2.0	36.3 ±1.2	39.0 ±1.4	36.5 ±1.3
Creatinine (μM)	20.7 ±1.5	23.3 ±3.1	20.7 ±1.1	17.7 ±2.5	26.0 ±2.0	25.7 ±1.5	24.0 ±3.0	22.7 ±2.5
ALP (U/L)	240 ±50	217 ±40	269 ±54	299 ±50	121 ±11	98 ±4	92 ±19	136 ±17
Calcium (mM)	2.47 ±0.07	2.40 ±0.09	2.42 ±0.08	2.45 ±0.07	2.40 ±0.07	2.39 ±0.04	2.54 ±0.08	2.47 ±0.09
Glucose (mM)	4.88 ±0.39	5.14 ±0.57	4.63 ±0.08	5.51 ±0.75	6.14 ±0.39	6.22 ±0.61	5.97 ±0.21	6.58 ±0.27
Total bilirubin(μM)	1.71 ±0.18	1.43 ±0.50	1.62 ±0.33	1.03 ±0.60	1.37 ±0.40	1.07 ±0.05	1.47 ±0.05	1.01 ±0.33
GGT (U/L)	0.67 ±0.58	0.67 ±0.58	1.33 ±0.58	1.33 ±0.58	0.67 ±0.58	1.00 ±1.00	0.33 ±0.58	1.67 ±0.58
LDH (U/L)	830 ±520	386 ±207	505 ±250	406 ±240	522 ±169	570 ±296	477 ±258	370 ±114
CK (U/L)	818 ±465	460 ±165	489 ±139	412 ±183	436 ±150	493 ±227	374 ±155	350 ±41
Urea (mM)	4.80 ±0.26	4.93 ±0.76	4.87 ±1.03	5.00 ±1.04	4.17 ±0.50	4.83 ±0.12	7.07 ±1.50	5.47 ±0.57
TC (mM)	1.94 ±0.11	1.65 ±0.29	1.86 ±0.55	1.83 ±0.14	1.71 ±0.35	1.52 ±0.15	1.91 ±0.16	2.24 ±0.31
TG (mM)	0.62 ±0.22	0.45 ±0.05	0.56 ±0.15	0.36 ±0.04	0.39 ±0.09	0.31 ±0.07	0.58 ±0.34	0.40 ±0.15
Phosphorus (mM)	2.95 ±0.03	2.86 ±0.32	3.23 ±0.37	3.21 ±0.40	2.21 ±0.23	2.43 ±0.19	2.41 ±0.21	2.44 ±0.29
A/G	1.63 ±0.06	1.57 ±0.06	1.67 ±0.15	1.73 ±0.15	1.63 ±0.06	2.13 ±0.49	1.63 ±0.06	1.63 ±0.12
Globulin (g/L)	20.6 ±1.2	21.1 ±1.2	19.8 ±2.1	19.1 ±1.7	22.7 ±1.4	17.6 ±3.3	24.0 ±2.1	22.3 ±2.0
Sodium ion (mM)	143 ±0	143 ±1	143 ±1	143 ±0	142 ±1	141 ±0	140 ±0	141 ±2
Potassium (mM)	4.74 ±0.19	4.47 ±0.34	4.91 ±0.60	4.78 ±0.78	3.99 ±0.17	4.28 ±0.12	4.38 ±0.25	4.34 ±0.30
Chloride ion (mM)	103 ±1	104 ±2	104 ±2	104 ±1	105 ±1	106 ±1	105 ±1	105 ±0

*: Significant difference from Solvent control group (1-way ANOVA and Tukey's test, P ≤ 0.05).