

Blood Chemistry Report 血清生化報告

Item	Status	TMC	TMC	TMC
	ID	Males(N=5)	Females (N=5)	All(N=10)
	Unit	10weeks	10weeks	
GOT	U/l	100.2±22.0	95.2±19.3	97.7±19.7
GPT	U/l	37.0±14.1	33.8±13.2	35.4±13
ALP	U/l	286.2±22.4	275.0±32.6	280.6±27
LDH	U/l	298.2±72	268.8±73.8	283.5±70.45
BUN	mg/dl	30.2±4.71	27.2±4.4	28.66±4.58
CRE	mg/dl	0.26±0.05	0.28±0.04	0.27±0.05
TBIL	mg/dl	0.54±0.11	0.76±0.09	0.65±0.15
CPK	U/l	279.4±26.7	294.6±10.8	287.0±20.8
GLU	mg/dl	157.0±15.7	157.6±12.5	157.3±13.4
UA	mg/dl	3.06±0.48	2.94±0.48	3.00±0.46
TCHO	mg/dl	67.0±3.0	68.2±4.8	67.6±3.81
HDL	mg/dl	59.6±4.77	61.2±4	60.4±4.25
TG	mg/dl	111.6±16.8	109.8±13.4	110.7±14.3
Ca	mg/dl	9.44±0.34	9.14±0.62	9.29±0.50
TP	g/dl	5.22±0.23	4.98±0.76	5.10±0.54
ALB	g/dl	2.74±0.26	2.66±0.23	2.70±0.24
IP	mg/dl	8.92±0.77	9.60±0.37	9.26±0.67
CKMB	U/l	94.8±8.67	94.2±8.9	94.5±8.3
Mg	mg/dl	2.8±0.32	2.98±0.61	2.89±0.47
AMYL	U/l	3413±312	3157±925	3285±664
NH3	Ug/dL	371.5±38.6	268.8±80.4	314.4±82

ICR 小鼠 male 和 Female 各 5 隻，進行了測試。將動物飼養於 TMC 動物房中。10 週齡時，隔夜禁食後，將動物以吸入 isoflurane 安樂死並進行心臟採血。血液檢體分別分裝於 EDTA 抗凝血管與 1.5ml 離心管。前者進行 NH₃ 項目分析；後者經室溫靜置 30 分鐘後，以 6000rpm 4°C 下離心 15 分鐘，收集血清進行生化學評估。血清生化評估採用 Fuji Dri-Chem 4000i 血液生化分析儀進行檢測。

Ten ICR mice (5 of each gender) were tested. The animals were 10 wks old and maintained in a IVC caging system at the mouse hotel of TMC. After fasting overnight, the animal were euthanized with inhaled isoflurane and blood was collected via cardiac puncture. Whole blood was preserved in an anticoagulant EDTA coated tube and a 1.5 ml eppendorf tube separately. The blood sample in the anticoagulant EDTA coated tube was used for ammonium test. The other in the eppendorf tube was kept at room temperature for 30 mins, then centrifuged at 6,000 rpm for 15 mins at 4°C to obtain serum. The serum were then aliquoted to measure blood chemistry levels using Fuji Dri-chem 4000i Analyzer.