

Clinical Pathology Report 臨床病理報告

Information of Applicants 申請者資料

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Information of Specimen 檢體資料

Species 動物種類:	Mice
Specimen 檢體:	Serum, Whole blood, Urine
Delivery status 運送狀態:	4℃
Quantity 檢體數量:	68 whole blood
Receiving Date 收件日期:	May 24, 2011
Completion Date 完成日期:	May 24, 2011 (CBC & Urine), May 31, 2011 (BC)

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Enclosure: Report Complete Blood Count
本報告含全血計數

Complete Blood Count Report 全血計數報告

sequence no.	Specimen ID	specimen	Date	Time	WBC count	NEU count	LYM count	MONO count	EOS count	BASO count
				Unit	10 ⁹ /L	10 ⁹ /L	10 ⁹ /L	10 ⁹ /L	10 ⁹ /L	10 ⁹ /L
3688	B6 1 M 0	MOUSE	2011/12/8	10:27	3.77	1.49	2.07	0.138	0.027	0.042
3689	B6 2 M 0	MOUSE	2011/12/8	10:28	2.75	1.85	0.753	0.087	0.018	0.041
3690	B6 3 M 0	MOUSE	2011/12/8	10:29	1.48	0.715	0.685	0.042	0.012	0.024

Sequence no.	specimen ID	specimen	Date	Time	NEU % value	LYM % value	MONO % value	EOS % value	BASO % value
				Unit	%	%	%	%	%
3688	B6 1 M 0	MOUSE	2011/12/8	10:27	39.7	54.9	3.67	0.704	1.12
3689	B6 2 M 0	MOUSE	2011/12/8	10:28	67.3	27.4	3.15	0.646	1.49
3690	B6 3 M 0	MOUSE	2011/12/8	10:29	48.4	46.4	2.83	0.815	1.63

sequence no.	specimen ID	specimen	Date	Time	RBC count	HGB value	HCT value	MCV value	MCH value	MCHC value	RDW value
				Unit	10 ¹² /L	g/dL	%	fL	pg	g/dL	%
3688	B6 1 M 0	MOUSE	2011/12/8	10:27	9.29	14.4	51	54.9	15.5	28.3	16.1
3689	B6 2 M 0	MOUSE	2011/12/8	10:28	8.82	13.6	47.6	54	15.5	28.6	15.7
3690	B6 3 M 0	MOUSE	2011/12/8	10:29	9.43	14.5	50.7	53.7	15.4	28.6	18

Sequence no.	Specimen ID	specimen	Date	Time	PLT count	MPV value	PCT value	PDW value
				Unit	10 ⁹ /L	fL		%
3688	B6 1 M 0	MOUSE	2011/12/8	10:27	708	6.1	0.432	19.9
3689	B6 2 M 0	MOUSE	2011/12/8	10:28	894	5.6	0.501	17.5
3690	B6 3 M 0	MOUSE	2011/12/8	10:29	807	5.71	0.461	18.5

Examined by (檢測人員):

Date (檢測日期):

Confirmed by (覆核人員):

Date (校正日期):

Director (病理主任):

1. Please avoid clots in whole blood sample. This may alter the data analyzed as well as damage Abbott Cell-Dyn 3700.

請避免全血中有凝塊因為這將影響數值並危害到 Abbott Cell-Dyn 3700。

2. Please use K₂EDTA as anticoagulant instead of heparin. This is because heparin tends to cause “clumping of platelets”.

請使用鉀鹽 EDTA 當抗凝劑並且避免使用 heparin，因為 heparin 會造成血小板凝結成塊。

3. Full name of abbreviation

縮寫全文名稱

Abbreviation 縮寫	English full Name 英文全文	Chinese full name 中文全文
WBC	White blood cell/Leukocyte count	白血球計數
NEU	Neutrophil absolute count	嗜中性球絕對計數
LYM	Lymphocyte absolute count	淋巴球絕對計數
MONO	Monocyte absolute count	單核球絕對計數
EOS	Eosinophil absolute count	嗜酸性球絕對計數
BASO	Basophil absolute count	嗜鹼性球絕對計數
%N	Neutrophil percent	嗜中性球百分比
%L	Lymphocyte percent	淋巴球百分比
%M	Monocyte percent	單核球百分比
%E	Eosinophil percent	嗜酸性球百分比
%B	Basophil percent	嗜鹼性球百分比
RBC	Red blood cell/Erythrocyte count	紅血球計數
HGB	Hemoglobin concentration	血紅素濃度
HCT	Hematocrit	血球容積
MCV	Mean corpuscular volume	平均紅血球容積
MCH	Mean corpuscular hemoglobin	紅血球血紅素平均值
MCHC	Mean corpuscular hemoglobin concentration	紅血球血紅素平均濃度
RDW	Red cell distribution width	紅血球分布寬度
PLT	Platelet/ Thrombocyte	血小板計數
MPV	Mean platelet volume count	平均血小板容積
PCT	Plateletcrit	血小板總體積
PDW	Platelet distribution width	血小板分布寬度

Co-relation among parameters 血液參數之相關性

$$HCT=(RBC \times MCV) \times 10$$

$$MCH=(HGB/RBC) \times 10$$

$$MCHC=(HGB/HCT) \times 100$$

$$PCT=(PLT \times MPV) / 10000$$