

REF : 3734-3735-3736-3752-3753-3754-3820-3821-3822
 LOT : 197
 : 2011-11-19

Coulter Counter Models (with III Diff. option; for AcT see separate table)

MELET MS9

NOTE : Please refer to next page for Erma Values

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.7	0.8	20.6	2.0
RBC 10 ¹² /l	2.37	0.15	4.65	0.20	5.68	0.24
Hb g/dl	5.9	0.4	13.6	0.5	18.2	0.6
Hb mmol/l	3.7	0.3	8.4	0.4	11.3	0.5
Hct %	17.4	1.5	39.3	2.4	52.5	3.0
Hct l/l	0.174	0.015	0.393	0.024	0.525	0.030
MCV fl	74	4	85	4	93	4
MCH pg	24.9	2.4	29.2	2.8	32.0	2.8
MCH fmol	1.54	0.16	1.82	0.17	1.99	0.19
MCHC g/dl	33.9	3.0	34.6	3.0	34.6	3.0
MCHC mmol/l	21.0	2.0	21.5	2.0	21.5	2.0
RDW %	16.5	3.0	15.8	3.0	14.9	3.0
Plts 10 ⁹ /l	67	20	252	35	512	70
MPV fl	7.5	2	7.4	2.0	7.6	2.0
PDW %	18.2	3.0	16.6	3.0	16.6	3.0
LYMP %	58.3	6.0	32.9	5.0	15.8	4.0
MONO %	12.8	4.0	6.6	4.0	4.4	3.0
GRAN %	28.9	5.0	60.5	6.0	79.8	5.0
LYMP #	1.2	0.2	2.5	0.4	3.3	0.9
MONO #	0.3	0.1	0.5	0.4	0.9	0.7
GRAN #	0.6	0.2	4.7	0.5	16.4	1.1

ABX Roche: Micros; Bayer: Advia 60

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	7.3	0.8	19.1	2.0
RBC 10 ¹² /l	2.38	0.15	4.61	0.2	5.67	0.24
Hb g/dl	5.6	0.4	13.6	0.5	18.1	0.6
Hb mmol/l	3.5	0.3	8.4	0.4	11.3	0.5
Hct %	16.2	1.5	37.9	2.4	51.9	3.0
Hct l/l	0.162	0.015	0.379	0.024	0.519	0.030
MCV fl	68	4	82	4	91	4
MCH pg	23.5	2.4	29.5	2.8	32.0	2.8
MCH fmol	1.46	0.16	1.83	0.17	1.98	0.19
MCHC g/dl	34.5	3.0	35.9	3.0	34.9	3.0
MCHC mmol/l	21.4	2.0	22.3	2.0	21.7	2.0
RDW %	15.1	3.0	16.2	3.0	15.3	3.0
Plts 10 ⁹ /l	73	20	250	35	479	70
MPV fl	7.2	2.0	7.1	2.0	7.2	2.0
LYMP %	50.4	6.0	29.2	5.0	14.4	4.0
MONO %	12.2	4.0	6.5	4.0	3.5	3.0
GRAN %	37.4	5.0	64.3	6.0	82.2	5.0
LYMP #	1.1	0.2	2.1	0.4	2.7	0.9
MONO #	0.3	0.1	0.5	0.4	0.7	0.7
GRAN #	0.8	0.2	4.7	0.5	15.7	1.1

Abbott Cell-Dyn: 1300, 1500, 1600, 1700, 1800 series

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.3	0.4	7.4	0.8	18.5	2.0
RBC 10 ¹² /l	2.40	0.15	4.61	0.2	5.57	0.24
Hb g/dl	5.8	0.4	13.4	0.5	18.0	0.6
Hb mmol/l	3.6	0.3	8.3	0.4	11.2	0.5
Hct %	17.6	1.5	39.4	2.4	52.1	3.0
Hct l/l	0.176	0.015	0.394	0.024	0.521	0.030
MCV fl	74	4	86	4	94	4
MCH pg	24.2	2.4	29.1	2.8	32.3	2.8
MCH fmol	1.50	0.16	1.80	0.17	2.01	0.19
MCHC g/dl	32.9	3.0	34.0	3.0	34.6	3.0
MCHC mmol/l	20.4	2.0	21.1	2.0	21.4	2.0
Plts 10 ⁹ /l	63	20	247	35	499	70
MPV fl	8.4	2.0	7.9	2.0	7.8	2.0
LYMP %	58.3	6.0	32.9	5.0	15.8	4.0
MID %	12.8	4.0	6.6	4.0	4.4	3.0
GRAN %	28.9	5.0	60.5	6.0	79.8	5.0
LYMP #	1.3	0.2	2.4	0.4	2.9	0.9
MID #	0.3	0.1	0.5	0.4	0.8	0.7
GRAN #	0.7	0.2	4.5	0.5	14.8	1.1

Coulter Counter: AcT diff, AcT diff 2

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.7	0.8	20.5	2.0
RBC 10 ¹² /l	2.37	0.15	4.65	0.20	5.68	0.24
Hb g/dl	5.9	0.4	13.6	0.5	18.2	0.6
Hb mmol/l	3.7	0.3	8.4	0.4	11.3	0.5
Hct %	17.4	1.5	39.8	2.4	53.1	3.0
Hct l/l	0.174	0.015	0.398	0.024	0.531	0.030
MCV fl	74	4	86	4	94	4
MCH pg	24.9	2.4	29.2	2.8	32.0	2.8
MCH fmol	1.54	0.16	1.81	0.17	1.99	0.19
MCHC g/dl	33.9	3.0	34.2	3.0	34.3	3.0
MCHC mmol/l	21.0	2.0	21.2	2.0	21.2	2.0
RDW %	16.5	3.0	15.8	3.0	14.9	3.0
Plts 10 ⁹ /l	67	20	250	35	510	70
MPV fl	7.5	2.0	7.4	2.0	7.6	2.0
LYMP %	60.0	6.0	32.5	5.0	14.5	4.0
MONO %	10.0	4.0	5.0	4.0	3.5	3.0
GRAN %	30.0	5.0	62.5	6.0	82.0	5.0
LYMP #	1.3	0.2	2.5	0.4	3.0	0.9
MONO #	0.2	0.1	0.4	0.4	0.7	0.7
GRAN #	0.6	0.2	4.8	0.5	16.8	1.1

Coulter Counter: AcT 8, AcT 10


Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
LYMP %	46.5	6.0	24.5	5.0	10.0	4.0
LYMP #	1.0	0.2	1.9	0.4	2.1	0.9

Nihon Kohden: Celltac and MEK series (not for 5-part diff)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.4	0.8	18.9	2.0
RBC 10 ¹² /l	2.35	0.15	4.61	0.2	5.59	0.24
Hb g/dl	5.8	0.4	13.9	0.5	19.4	0.6
Hb mmol/l	3.6	0.3	8.6	0.4	12.1	0.5
Hct %	17.7	1.5	39.6	2.4	54.5	3.0
Hct l/l	0.177	0.015	0.396	0.024	0.545	0.030
MCV fl	76	4	86	4	97	4
MCH pg	24.7	2.4	30.1	2.8	34.7	2.8
MCH fmol	1.53	0.16	1.87	0.17	2.16	0.19
MCHC g/dl	32.7	3.0	35.1	3.0	35.7	3.0
MCHC mmol/l	20.3	2.0	21.8	2.0	22.1	2.0
RDW %	15.4	3.0	15.2	3.0	14.1	3.0
Plts 10 ⁹ /l	69	20	257	35	500	70
MPV fl	7.5	2.0	6.5	2.0	6.2	2.0
LYMP %	62.1	6.0	34.9	5.0	19.0	4.0
MONO %	14.0	4.0	7.1	4.0	4.2	3.0
GRAN %	23.9	5.0	57.9	6.0	76.7	5.0
LYMP #	1.3	0.2	2.6	0.4	3.6	0.9
MONO #	0.3	0.1	0.5	0.4	0.8	0.7
GRAN #	0.5	0.2	4.3	0.5	14.5	1.1

Danam / Drew Excel18 = MWI BT2100, Drew D3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	7.8	0.8	20.8	2.0
RBC 10 ¹² /l	2.49	0.15	4.57	0.2	5.56	0.24
Hb g/dl	5.9	0.4	13.5	0.5	18.3	0.6
Hb mmol/l	3.7	0.3	8.4	0.4	11.3	0.5
Hct %	18.2	1.5	39.1	2.4	52.2	3.0
Hct l/l	0.182	0.015	0.391	0.024	0.522	0.030
MCV fl	73	4	86	4	94	4
MCH pg	23.9	2.4	29.5	2.8	32.9	2.8
MCH fmol	1.48	0.16	1.83	0.17	2.04	0.19
MCHC g/dl	32.6	3.0	34.6	3.0	35.0	3.0
MCHC mmol/l	20.2	2.0	21.4	2.0	21.7	2.0
RDW %	12.5	3.0	11.9	3.0	11.9	3.0
Plts 10 ⁹ /l	77	20	267	35	498	70
MPV fl	6.3	2.0	6.6	2.0	6.8	2.0
LYMP %	51.0	6.0	26.4	5.0	11.8	4.0
MONO %	13.3	4.0	6.1	4.0	3.4	3.0
GRAN %	35.7	5.0	67.5	6.0	84.8	5.0
LYMP #	1.1	0.2	2.1	0.4	2.5	0.9
MONO #	0.3	0.1	0.5	0.4	0.7	0.7
GRAN #	0.8	0.2	5.2	0.5	17.6	1.1

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Diatron: Abacus, Arcus **

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.4	7.5	0.8	20.6	2.0
RBC 10 ¹² /l	2.51	0.15	4.79	0.2	5.78	0.24
Hb g/dl	6.1	0.4	13.7	0.5	18.7	0.6
Hb mmol/l	3.8	0.3	8.5	0.4	11.6	0.5
Hct %	19.2	1.5	42.9	2.4	56.9	3.0
Hct l/l	0.192	0.015	0.429	0.024	0.569	0.030
MCV fl	77	4	89	4	99	4
MCH pg	24.4	2.4	28.6	2.8	32.5	2.8
MCH fmol	1.52	0.16	1.78	0.17	2.01	0.19
MCHC g/dl	31.9	3.0	32.0	3.0	32.9	3.0
MCHC mmol/l	19.8	2.0	19.9	2.0	20.4	2.0
RDW-SD fl	56.4	5.0	61.1	5.0	64.1	5.0
RDW-CV %	16.2	3.0	15.1	3.0	14.3	3.0
Plts 10 ⁹ /l	61	20	252	35	512	70
MPV fl	7.3	2.0	7.4	2.0	7.3	2.0
PCT %	0.04	0.02	0.19	0.06	0.37	0.10
PCT ml/l	0.45	0.2	1.86	0.3	3.73	0.4
PDW-SD fl	9.8	3.0	9.9	3.0	9.9	3.0
PDW-CV %	37.4	3.0	37.4	3.0	38.0	3.0
LYMP %	54.3	6.0	30.9	1.0	12.6	4.0
MONO %	10.4	6.0	6.1	1.0	5.7	3.0
GRAN %	35.4	6.0	63.1	6.0	81.8	6.0
LYMP #	1.1	0.2	2.3	0.4	2.6	0.9
MONO #	0.2	0.1	0.5	0.4	1.2	0.7
GRAN #	0.7	0.2	4.8	0.5	16.8	1.1

** JT Baker reagents CyMet Abacus + Diluid Abacus = Use Reagent Code 2 in service settings!!!

AVL (Contraves): AVL - 816

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	63.0	6.0	39.2	5.0	18.8	4.0
MONO %	11.8	4.0	7.5	4.0	5.6	3.0
GRAN %	25.2	5.0	53.3	6.0	75.6	5.0
LYMP #	1.3	0.2	3.0	0.4	3.9	0.9
MONO #	0.2	0.1	0.6	0.4	1.2	0.7
GRAN #	0.5	0.2	4.1	0.5	15.6	1.1

AVL (Contraves): AVL - 818


Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	70.8	6.0	41.3	5.0	19.8	4.0
MONO %	10.3	4.0	7.0	4.0	5.4	3.0
GRAN %	18.9	5.0	51.7	6.0	74.9	5.0
LYMP #	1.5	0.2	3.2	0.4	4.1	0.9
MONO #	0.2	0.1	0.5	0.4	1.1	0.7
GRAN #	0.4	0.2	4.0	0.5	15.4	1.1

ERMA PCE-170, ERMAX-18, PCE-210


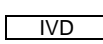

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.9	0.8	21.5	2.0
RBC 10 ¹² /l	2.48	0.15	4.66	0.2	5.53	0.24
Hb g/dl	5.7	0.4	13.1	0.5	17.5	0.6
Hb mmol/l	3.5	0.3	8.1	0.4	10.9	0.5
Hct %	19.0	1.5	41.2	2.4	55.6	3.0
Hct l/l	0.190	0.015	0.412	0.024	0.556	0.030
MCV fl	77	4	89	4	101	4
MCH pg	23.0	2.4	28.1	2.8	31.6	2.8
MCH fmol	1.43	0.16	1.74	0.17	1.96	0.19
MCHC g/dl	30.0	3.0	31.8	3.0	31.5	3.0
MCHC mmol/l	18.6	2.0	19.7	2.0	19.5	2.0
RDW %	19.5	3.0	17.3	3.0	16.3	3.0
Plts 10 ⁹ /l	77	20	266	35	538	70
MPV fl	8.3	2.0	7.8	2.0	8.1	2.0
PDW %	17.0	3.0	15.2	3.0	14.2	3.0
LYMP %	50.3	6.0	34.7	5.0	27.4	4.0
MONO %	6.4	6.4	2.9	2.9	1.4	1.4
GRAN %	43.3	5.0	62.4	6.0	71.2	5.0
LYMP #	1.1	0.2	2.7	0.4	5.9	0.9
MONO #	0.1	0.1	0.2	0.2	0.3	0.3
GRAN #	0.9	0.2	4.9	0.5	15.3	1.1


Orphee MYTHIC 18

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.7	0.8	20.6	2.0
RBC 10 ¹² /l	2.37	0.15	4.65	0.2	5.68	0.24
Hb g/dl	5.9	0.4	13.6	0.5	18.2	0.6
Hb mmol/l	3.7	0.3	8.4	0.4	11.3	0.5
Hct %	18.8	1.5	41.6	2.4	54.8	3.0
Hct l/l	0.188	0.015	0.416	0.024	0.548	0.030
MCV fl	80	4	90	4	97	4
MCH pg	24.9	2.4	29.2	2.8	32.0	2.8
MCH fmol	1.54	0.16	1.82	0.17	1.99	0.19
MCHC g/dl	31.3	3.0	32.7	3.0	33.2	3.0
MCHC mmol/l	19.4	2.0	20.3	2.0	20.6	2.0
RDW %	16.5	3.0	15.8	3.0	15.9	3.0
Plts 10 ⁹ /l	67	20	246	35	500	70
MPV fl	8.2	2.0	7.8	2.0	7.8	2.0
LYMP %	58.6	6.0	31.7	5.0	15.4	4.0
MONO %	8.2	4.0	3.5	3.5	2.4	2.4
GRAN %	33.2	5.0	64.8	6.0	82.2	5.0
LYMP #	1.2	0.2	2.4	0.4	3.2	0.9
MONO #	0.2	0.2	0.3	0.3	0.5	0.5
GRAN #	0.7	0.2	5.0	0.5	16.9	1.1

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The devices as mentioned in this insert comply with the
In Vitro Diagnostic Medical Devices Directive 98/79/EC.

2°C  8°C  

LOT : 197
 : 2011-11-19

revised 2011-07-26

Mindray BC-3200, BC-3000CT

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.5	8.0	1.0	21.0	2.5
RBC 10 ¹² /l	2.42	0.18	4.80	0.24	5.85	0.30
Hb g/dl	6.0	0.4	13.8	0.6	18.9	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.7	0.5
Hct %	18.2	1.5	42.0	2.0	56.5	2.4
Hct l/l	0.182	0.015	0.420	0.020	0.565	0.024
MCV fl	75.0	5.0	87.5	5.0	96.5	5.0
MCH pg	24.8	2.5	28.8	2.5	32.3	2.5
MCH fmol	1.54	0.16	1.78	0.16	2.01	0.16
MCHC g/dl	33.1	3.0	32.9	3.0	33.5	3.0
MCHC mmol/l	20.5	1.9	20.4	1.9	20.8	1.9
RDW-CV	14.0	3.0	13.6	3.0	13.0	3.0
RDW-SD	35.0	6.0	39.6	6.0	41.0	8.0
Plts 10 ⁹ /l	75	20	252	40	500	60
MPV fl	8.6	3.0	8.0	3.0	7.8	3.0
LYMP %	56.0	12.0	29.5	8.0	13.0	6.0
MONO %	14.0	8.0	8.0	6.0	5.8	5.0
GRAN %	30.0	9.0	62.5	8.0	81.2	8.0
LYMP #	1.2	0.3	2.4	0.7	2.7	1.3
MONO #	0.3	0.2	0.6	0.5	1.2	1.1
GRAN #	0.6	0.2	5.0	0.7	17.1	1.7

Mindray BC-2800, BC-2600 (software version lower than 2.0)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	1.9	0.5	7.8	1.0	21.8	2.5
RBC 10 ¹² /l	2.32	0.20	4.63	0.28	5.67	0.35
Hb g/dl	6.0	0.4	13.9	0.6	19.0	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.8	0.5
Hct %	17.4	1.5	39.8	2.0	53.9	2.4
Hct l/l	0.174	0.015	0.398	0.020	0.539	0.024
MCV fl	75.0	5.0	86.0	5.0	95.0	5.0
MCH pg	25.9	2.5	30.0	2.5	33.5	2.5
MCH fmol	1.61	0.16	1.86	0.16	2.08	0.16
MCHC g/dl	34.5	3.0	34.9	3.0	35.3	3.0
MCHC mmol/l	21.4	1.9	21.7	1.9	21.9	1.9
RDW-CV	14.3	3.0	14.6	3.0	14.0	3.0
RDW-SD	36.4	6.0	42.0	6.0	44.0	8.0
Plts 10 ⁹ /l	65	20	248	40	540	60
MPV fl	9.0	3.0	8.9	3.0	8.7	3.0
PCT %	0.05	0.05	0.22	0.10	0.46	0.20
PCT ml/l	0.50	0.50	2.20	1.00	4.60	2.00
PDW fl	16.2	3.0	16.1	3.0	16.0	3.0
LYMP %	61.0	11.0	32.5	8.0	13.5	8.0
MONO %	12.0	8.0	9.5	6.0	8.0	6.0
GRAN %	27.0	8.0	58.0	9.0	78.5	9.0
LYMP #	1.2	0.3	2.5	0.7	2.9	1.8
MONO #	0.2	0.2	0.7	0.5	1.7	1.3
GRAN #	0.5	0.2	4.5	0.8	17.1	2.0

Mindray BC-2800, BC-2600 (software version 2.0 or higher)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.5	7.7	1.0	20.6	2.5
RBC 10 ¹² /l	2.37	0.18	4.72	0.24	5.78	0.30
Hb g/dl	6.0	0.4	13.9	0.6	19.2	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.9	0.5
Hct %	17.5	1.5	40.6	2.0	54.9	2.4
Hct l/l	0.175	0.015	0.406	0.020	0.549	0.024
MCV fl	74.0	5.0	86.0	5.0	95.0	5.0
MCH pg	25.3	2.5	29.4	2.5	33.2	2.5
MCH fmol	1.57	0.16	1.83	0.16	2.06	0.16
MCHC g/dl	34.2	3.0	34.2	3.0	35.0	3.0
MCHC mmol/l	21.3	1.9	21.2	1.9	21.7	1.9
RDW-CV	16.0	3.0	15.3	3.0	14.5	3.0
RDW-SD	40.0	6.0	45.2	6.0	46.3	8.0
Plts 10 ⁹ /l	65	20	252	40	502	60
MPV fl	9.5	3.0	9.4	3.0	9.3	3.0
PCT %	0.06	0.05	0.23	0.10	0.46	0.20
PCT ml/l	0.60	0.50	2.30	1.00	4.60	2.00
PDW fl	14.6	3.0	14.8	3.0	14.8	3.0
LYMP %	60.0	10.0	32.3	8.0	14.5	7.0
MONO %	11.0	8.0	6.0	5.0	4.5	4.5
GRAN %	29.0	9.0	61.7	9.0	81.0	8.0
LYMP #	1.2	0.3	2.5	0.7	3.0	1.5
MONO #	0.2	0.2	0.5	0.5	0.9	0.9
GRAN #	0.6	0.2	4.8	0.8	16.7	1.7

Mindray BC-3000 Plus (new models s/n A75xxx), BC-2900, BC-1800

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.5	7.9	1.0	20.4	2.5
RBC 10 ¹² /l	2.47	0.18	4.80	0.24	5.87	0.30
Hb g/dl	5.9	0.4	13.8	0.6	18.8	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.7	0.5
Hct %	18.4	1.5	41.8	2.0	56.4	2.4
Hct l/l	0.184	0.015	0.418	0.020	0.564	0.024
MCV fl	74.5	5.0	87.0	5.0	96.0	5.0
MCH pg	23.9	2.5	28.8	2.5	32.0	2.5
MCH fmol	1.48	0.16	1.78	0.16	1.99	0.16
MCHC g/dl	32.1	3.0	33.0	3.0	33.4	3.0
MCHC mmol/l	19.9	1.9	20.5	1.9	20.7	1.9
RDW-CV	15.8	3.0	14.8	3.0	13.7	3.0
RDW-SD	39.0	6.0	43.0	6.0	44.5	8.0
Plts 10 ⁹ /l	75	20	255	40	510	60
MPV fl	8.7	3.0	8.4	3.0	8.2	3.0
PCT %	0.06	0.05	0.21	0.10	0.42	0.20
PCT ml/l	0.60	0.50	2.10	1.00	4.20	2.00
PDW fl	16.3	3.0	15.7	3.0	15.7	3.0
LYMP %	59.5	12.0	31.5	8.0	14.5	7.0
MONO %	11.5	9.0	8.0	7.0	5.0	4.5
GRAN %	29.0	9.0	60.5	8.0	80.5	8.0
LYMP #	1.2	0.3	2.5	0.7	3.0	1.5
MONO #	0.2	0.2	0.6	0.6	1.0	0.9
GRAN #	0.6	0.2	4.8	0.7	16.4	1.7

Mindray: BC-3000 with Cymet Mindray CN-free (old models s/n A59xxx)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.5	7.7	1.0	19.4	2.5
RBC 10 ¹² /l	2.22	0.18	4.48	0.24	5.62	0.30
Hb g/dl **	6.1	0.4	14.5	0.6	19.6	0.8
Hb mmol/l **	3.8	0.3	9.0	0.4	12.2	0.5
Hct %	17.6	1.5	40.5	2.0	54.8	2.4
Hct l/l	0.176	0.015	0.405	0.020	0.548	0.024
MCV fl	79.5	5.0	90.5	5.0	97.5	5.0
MCH pg **	27.5	2.5	32.4	2.5	34.9	2.5
MCH fmol **	1.71	0.16	2.01	0.16	2.16	0.16
MCHC g/dl **	34.6	3.0	35.8	3.0	35.8	3.0
MCHC mmol/l **	21.4	1.9	22.2	1.9	22.2	1.9
RDW-CV	15.3	3.0	15.1	3.0	14.7	3.0
RDW-SD	43.4	6.0	48.8	6.0	51.2	8.0
Plts 10 ⁹ /l	74	20	234	40	468	60
MPV fl	8.2	3.0	8.2	3.0	8.1	3.0
LYMP %	58.3	12.0	29.9	8.0	13.3	7.0
MONO %	12.8	9.0	6.6	6.6	4.4	4.4
GRAN %	28.9	9.0	63.5	8.0	82.3	8.0
LYMP #	1.2	0.3	2.3	0.7	2.6	1.5
MONO #	0.3	0.2	0.5	0.6	0.9	0.9
GRAN #	0.6	0.2	4.9	0.7	16.0	1.7

**** Mindray: BC-3000 with Cymet Mindray (with CN) (old series s/n A59xxx)**

Hb g/dl	5.8	0.4	13.5	0.6	18.3	0.8
Hb mmol/l	3.6	0.3	8.4	0.4	11.4	0.5
MCH pg	26.1	2.5	30.1	2.5	32.6	2.5
MCH fmol	1.62	0.16	1.87	0.16	2.02	0.16
MCHC g/dl	32.9	3.0	33.3	3.0	33.4	3.0
MCHC mmol/l	20.4	1.9	20.7	1.9	20.7	1.9

Mindray BC-2300, BC-2100

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.5	7.8	1.0	20.9	2.5
RBC 10 ¹² /l	2.36	0.20	4.55	0.28	5.56	0.35
Hb g/dl	6.0	0.5	13.6	0.8	18.3	1.0
Hb mmol/l	3.7	0.3	8.4	0.4	11.4	0.5
Hct %	17.0	1.5	38.4	2.0	52.0	2.4
Hct l/l	0.170	0.015	0.384	0.020	0.520	0.024
MCV fl	72.0	5.0	84.5	5.0	93.5	5.0
MCH pg	25.4	2.5	29.9	2.5	32.9	2.5
MCH fmol	1.58	0.16	1.85	0.16	2.04	0.16
MCHC g/dl	35.3	3.0	35.4	3.0	35.2	3.0
MCHC mmol/l	21.9	1.9	22.0	1.9	21.8	1.9
RDW-CV	13.6	3.0	12.7	3.0	12.4	3.0
RDW-SD	32.0	6.0	35.0	6.0	36.7	8.0
Plts 10 ⁹ /l	60	30	235	55	514	70
MPV fl	10.3	3.0	10.0	3.0	10.1	3.0
PCT %	0.06	0.05	0.23	0.10	0.52	0.20
PCT ml/l	0.60	0.50	2.30	1.00	5.20	2.00
PDW fl	15.1	3.0	14.9	3.0	15.0	3.0
LYMP %	59.0	10.0	32.5	8.0	14.5	8.0
MONO %	11.0	8.0	7.5	7.0	5.5	5.5
GRAN %	30.0	9.0	60.0	10.0	80.0	9.0
LYMP #	1.2	0.3	2.5	0.7	3.0	1.7
MONO #	0.2	0.2	0.6	0.6	1.1	1.1
GRAN #	0.6	0.2	4.7	0.8	16.7	1.9