


REF : 3734-3735-3736-3752-3753-3754-3820-3821-3822  
 LOT : 195  
 : 2011, May 19th

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 <sup>9</sup> /l	2.1	0.4	7.5	0.8	20.0	2.0
RBC 10 <sup>12</sup> /l	2.34	0.12	4.63	0.15	5.57	0.18
Hb g/dl	5.8	0.4	13.6	0.5	17.9	0.6
Hb mmol/l	3.6	0.3	8.4	0.3	11.1	0.4
Hct %	17.3	1.5	39.8	2.4	51.8	3.0
Hct l/l	0.173	0.015	0.398	0.024	0.518	0.030
MCV fl	74	4	86	4	93	4
MCH pg	24.8	2.4	29.4	2.8	32.1	2.8
MCH fmol	1.54	0.14	1.82	0.11	1.99	0.11
MCHC g/dl	33.5	3.0	34.2	3.0	34.6	3.0
MCHC mmol/l	20.8	1.8	21.2	1.8	21.4	1.8
RDW %	16.3	3.0	15.8	3.0	14.8	3.0
Plts 10 <sup>9</sup> /l	65	15	252	30	492	55
MPV fl	8.1	2.0	8.0	1.5	8.2	1.5
PDW %	18.2	2.5	16.6	2.5	16.6	2.5
LYMP %	58.8	7.0	32.9	4.0	14.8	4.0
MONO %	11.8	5.5	7.6	4.0	5.4	3.0
GRAN %	29.4	6.0	59.5	5.0	79.8	5.0
LYMP #	1.2	0.3	2.5	0.4	3.0	0.9
MONO #	0.2	0.2	0.6	0.6	1.1	1.1
GRAN #	0.6	0.2	4.5	0.6	16.0	1.2

ABX Roche: Micros; Bayer: Advia 60

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.2	0.4	7.1	0.8	18.5	2.0
RBC 10 <sup>12</sup> /l	2.35	0.12	4.59	0.15	5.56	0.18
Hb g/dl	5.5	0.4	13.6	0.5	17.8	0.6
Hb mmol/l	3.4	0.2	8.4	0.3	11.1	0.4
Hct %	16.1	1.5	38.4	2.4	51.2	3.0
Hct l/l	0.161	0.015	0.384	0.024	0.512	0.030
MCV fl	69	4	84	4	92	4
MCH pg	23.4	2.4	29.6	2.8	32.0	2.8
MCH fmol	1.45	0.14	1.84	0.11	1.99	0.11
MCHC g/dl	34.1	3.0	35.4	3.0	34.8	3.0
MCHC mmol/l	21.2	1.8	22.0	1.8	21.6	1.8
RDW %	14.9	3.0	16.2	3.0	15.2	3.0
Plts 10 <sup>9</sup> /l	71	15	250	30	460	55
MPV fl	7.7	2.0	7.6	1.5	7.7	1.5
LYMP %	50.9	5.0	29.2	4.0	13.5	4.0
MONO %	11.2	4.0	7.5	4.0	4.2	3.0
GRAN %	37.9	5.0	63.3	5.0	82.3	5.0
LYMP #	1.1	0.3	2.1	0.4	2.5	0.8
MONO #	0.2	0.1	0.5	0.3	0.8	0.6
GRAN #	0.8	0.2	4.5	0.6	15.2	1.2

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.3	0.4	7.2	0.8	17.9	2.0
RBC 10 <sup>12</sup> /l	2.37	0.12	4.59	0.15	5.46	0.18
Hb g/dl	5.7	0.4	13.4	0.5	17.7	0.6
Hb mmol/l	3.5	0.2	8.3	0.3	11.0	0.4
Hct %	17.5	1.5	39.9	2.4	51.3	3.0
Hct l/l	0.175	0.015	0.399	0.024	0.513	0.030
MCV fl	74	4	87	4	94	4
MCH pg	24.1	2.4	29.2	2.8	32.4	2.8
MCH fmol	1.49	0.14	1.81	0.11	2.01	0.11
MCHC g/dl	32.5	3.0	33.6	3.0	34.5	3.0
MCHC mmol/l	20.2	1.8	20.8	1.8	21.4	1.8
Plts 10 <sup>9</sup> /l	61	15	247	30	479	55
MPV fl	9.0	2	8.5	1.5	8.4	1.5
LYMP %	58.8	5.0	32.9	4.0	14.8	4.0
MID %	11.8	4.0	7.6	4.0	5.4	3.0
GRAN %	29.4	4.0	59.5	5.0	79.8	5.0
LYMP #	1.4	0.3	2.4	0.4	2.6	0.8
MID #	0.3	0.1	0.5	0.3	1.0	0.6
GRAN #	0.7	0.2	4.3	0.6	14.3	1.2

Coulter Counter: AcT diff, AcT diff 2

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.5	0.8	19.9	2.0
RBC 10 <sup>12</sup> /l	2.34	0.12	4.63	0.15	5.57	0.18
Hb g/dl	5.8	0.4	13.6	0.5	17.9	0.6
Hb mmol/l	3.6	0.3	8.4	0.3	11.1	0.4
Hct %	17.3	1.5	40.3	2.4	52.4	3.0
Hct l/l	0.173	0.015	0.403	0.024	0.524	0.030
MCV fl	74	4	87	4	94	4
MCH pg	24.8	2.4	29.4	2.8	32.1	2.8
MCH fmol	1.54	0.10	1.82	0.11	1.99	0.12
MCHC g/dl	33.5	3.0	33.8	3.0	34.2	3.0
MCHC mmol/l	20.8	1.8	21.0	1.8	21.2	1.8
RDW %	16.3	3.0	15.8	3.0	14.8	3.0
Plts 10 <sup>9</sup> /l	65	15	250	30	490	55
MPV fl	8.1	2.0	8.0	1.5	8.2	1.5
LYMP %	60.5	7.0	32.5	4.0	13.5	4.0
MONO %	9.0	5.5	6.0	4.0	4.5	3.0
GRAN %	30.5	6.0	61.5	5.0	82.0	5.0
LYMP #	1.3	0.3	2.4	0.4	2.7	0.9
MONO #	0.2	0.2	0.5	0.4	0.9	0.7
GRAN #	0.6	0.2	4.6	0.6	16.3	1.2

Coulter Counter: AcT 8, AcT 10

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
LYMP %	47.0	7.0	24.5	4.0	9.0	4.0
LYMP #	1.0	0.3	1.8	0.4	1.8	0.9

Please refer to Table AcT Diff for CBC parameters

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.2	0.8	18.3	2.0
RBC 10 <sup>12</sup> /l	2.32	0.12	4.59	0.15	5.49	0.18
Hb g/dl	5.7	0.4	13.9	0.5	19.1	0.6
Hb mmol/l	3.5	0.2	8.6	0.3	11.9	0.4
Hct %	17.6	1.5	40.1	2.4	53.7	3.0
Hct l/l	0.176	0.015	0.401	0.024	0.537	0.030
MCV fl	76	4	87	4	98	4
MCH pg	24.6	2.4	30.3	2.8	34.8	2.8
MCH fmol	1.53	0.14	1.88	0.11	2.16	0.11
MCHC g/dl	32.3	3.0	34.6	3.0	35.6	3.0
MCHC mmol/l	20.1	1.8	21.5	1.8	22.1	1.8
RDW %	15.2	3.0	15.2	3.0	14.0	3.0
Plts 10 <sup>9</sup> /l	66	15	257	30	481	55
MPV fl	8.1	2	7.0	1.5	6.7	1.5
LYMP %	62.7	5.0	34.9	4.0	17.8	4.0
MONO %	12.9	4.0	8.2	4.0	5.2	3.0
GRAN %	24.5	4.0	56.8	5.0	77.0	5.0
LYMP #	1.3	0.3	2.5	0.4	3.3	0.8
MONO #	0.3	0.1	0.6	0.3	1.0	0.6
GRAN #	0.5	0.2	4.1	0.6	14.1	1.2

Danam / Drew Excel18 = MWI BT2100, Drew D3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.2	0.4	7.6	0.8	20.2	2.0
RBC 10 <sup>12</sup> /l	2.46	0.12	4.55	0.15	5.45	0.18
Hb g/dl	5.8	0.4	13.5	0.5	18.0	0.6
Hb mmol/l	3.6	0.2	8.4	0.3	11.2	0.4
Hct %	18.1	1.5	39.6	2.4	51.4	3.0
Hct l/l	0.181	0.015	0.396	0.024	0.514	0.030
MCV fl	74	4	87	4	94	4
MCH pg	23.8	2.4	29.7	2.8	33.0	2.8
MCH fmol	1.47	0.14	1.84	0.11	2.05	0.11
MCHC g/dl	32.2	3.0	34.1	3.0	34.9	3.0
MCHC mmol/l	20.0	1.8	21.2	1.8	21.7	1.8
RDW %	12.3	3.0	11.9	3.0	11.8	3.0
Plts 10 <sup>9</sup> /l	75	15	267	30	479	55
MPV fl	6.8	2	7.2	1.5	7.4	1.5
LYMP %	51.5	5.0	26.4	4.0	11.1	4.0
MONO %	12.2	4.0	7.0	4.0	4.2	3.0
GRAN %	36.3	4.0	66.5	5.0	84.8	5.0
LYMP #	1.1	0.3	2.0	0.4	2.2	0.8
MONO #	0.3	0.1	0.5	0.3	0.8	0.6
GRAN #	0.8	0.2	5.0	0.6	17.1	1.2

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Diatron: Abacus, Arcus \*\*

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.2	0.8	17.8	2.0
RBC 10 <sup>12</sup> /l	2.48	0.12	4.77	0.15	5.54	0.20
Hb g/dl	5.9	0.4	13.8	0.5	18.2	0.6
Hb mmol/l	3.7	0.3	8.6	0.4	11.3	0.4
Hct %	19.5	1.5	43.7	2.4	54.9	3.0
Hct l/l	0.195	0.015	0.437	0.024	0.549	0.030
MCV fl	79	4	92	4	99	4
MCH pg	23.9	2.4	29.0	2.8	32.9	2.8
MCH fmol	1.48	0.14	1.80	0.11	2.04	0.11
MCHC g/dl	30.3	3.0	31.7	3.0	33.2	3.0
MCHC mmol/l	18.8	1.8	19.7	1.8	20.6	1.8
RDW-SD fl	47.3	3.0	54.2	3.0	54.1	3.0
RDW-CV %	15.3	3.0	15.1	3.0	13.9	3.0
Plts 10 <sup>9</sup> /l	65	15	252	30	492	55
MPV fl	7.9	1.5	8.0	1.5	8.1	1.5
PCT %	0.05	0.02	0.20	0.03	0.40	0.04
PCT ml/l	0.51	0.2	2.02	0.3	4.00	0.4
PDW-SD fl	11.4	2.5	10.7	2.5	11.0	3.0
PDW-CV %	40.1	2.5	37.4	2.5	38.0	3.0
LYMP %	55.9	5.0	29.5	4.0	11.8	4.0
MONO %	11.9	4.0	10.2	4.0	7.0	4.0
GRAN %	32.2	4.0	60.3	5.0	81.3	5.0
LYMP #	1.2	0.3	2.1	0.4	2.1	0.8
MONO #	0.2	0.1	0.7	0.3	1.2	0.6
GRAN #	0.7	0.2	4.3	0.6	14.5	1.2

\*\* 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 %	63.6	5.0	39.2	4.0	17.6	4.0
MONO %	10.8	4.0	8.6	4.0	6.9	3.0
GRAN %	25.6	4.0	52.2	5.0	75.5	5.0
LYMP #	1.3	0.3	2.9	0.4	3.5	0.8
MONO #	0.2	0.1	0.6	0.3	1.4	0.6
GRAN #	0.5	0.2	3.9	0.6	15.1	1.2

AVL (Contraves): AVL - 818

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	71.4	5.0	41.3	4.0	18.5	4.0
MONO %	9.5	4.0	8.1	4.0	6.6	3.0
GRAN %	19.1	4.0	50.7	5.0	74.9	5.0
LYMP #	1.5	0.3	3.1	0.4	3.7	0.8
MONO #	0.2	0.1	0.6	0.2	1.3	0.4
GRAN #	0.4	0.2	3.8	0.6	15.0	1.2

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.7	0.8	20.9	2.0
RBC 10 <sup>12</sup> /l	2.45	0.12	4.64	0.15	5.42	0.18
Hb g/dl	5.6	0.4	13.1	0.5	17.2	0.6
Hb mmol/l	3.5	0.2	8.1	0.3	10.7	0.4
Hct %	18.9	1.5	41.8	2.4	54.7	3.0
Hct l/l	0.189	0.015	0.418	0.024	0.547	0.030
MCV fl	77	4	90	4	101	4
MCH pg	22.9	2.4	28.2	2.8	31.7	2.8
MCH fmol	1.42	0.14	1.75	0.11	1.97	0.11
MCHC g/dl	29.7	3.0	31.4	3.0	31.4	3.0
MCHC mmol/l	18.4	1.8	19.5	1.8	19.5	1.8
RDW %	19.3	3.0	17.3	3.0	16.2	3.0
Plts 10 <sup>9</sup> /l	75	15	266	30	518	55
MPV fl	8.9	2.0	8.4	1.5	8.7	1.5
PDW %	17.0	2.5	15.2	2.5	14.2	2.5
LYMP %	50.8	5.0	34.7	4.0	26.4	4.0
MONO %	5.4	5.4	3.9	3.9	2.4	2.4
GRAN %	43.8	4.0	61.4	5.0	71.2	5.0
LYMP #	1.1	0.3	2.7	0.4	5.5	0.8
MONO #	0.1	0.1	0.3	0.3	0.5	0.5
GRAN #	0.9	0.2	4.7	0.6	14.9	1.2

Orphee MYTHIC 18

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.5	0.8	20.0	2.0
RBC 10 <sup>12</sup> /l	2.34	0.12	4.63	0.15	5.57	0.18
Hb g/dl	5.8	0.4	13.6	0.5	17.9	0.6
Hb mmol/l	3.6	0.2	8.4	0.3	11.1	0.4
Hct %	18.7	1.5	42.1	2.4	54.0	3.0
Hct l/l	0.187	0.015	0.421	0.024	0.540	0.030
MCV fl	80	4	91	4	97	4
MCH pg	24.8	2.4	29.4	2.8	32.1	2.8
MCH fmol	1.54	0.14	1.82	0.11	1.99	0.11
MCHC g/dl	31.0	3.0	32.3	3.0	33.1	3.0
MCHC mmol/l	19.2	1.8	20.0	1.8	20.6	1.8
RDW %	16.3	3.0	15.8	3.0	15.8	3.0
Plts 10 <sup>9</sup> /l	65	15	246	30	480	55
MPV fl	8.8	2.0	8.4	1.5	8.4	1.5
LYMP %	59.1	5.0	31.7	4.0	14.4	4.0
MONO %	7.2	7.2	4.5	4.5	3.4	3.4
GRAN %	33.7	4.0	63.8	5.0	82.2	5.0
LYMP #	1.2	0.3	2.4	0.4	2.9	0.8
MONO #	0.2	0.2	0.3	0.3	0.7	0.7
GRAN #	0.7	0.2	4.8	0.6	16.4	1.2



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




8°C



2°C

LOT : 195

 : 2011, May 19th

**Mindray BC-3200, BC-3000CT (new models)**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	7.7	1.0	20.5	2.5
RBC 10 <sup>12</sup> /l	2.37	0.18	4.70	0.24	5.68	0.30
Hb g/dl	5.9	0.4	13.9	0.6	18.4	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.4	0.5
Hct %	17.5	1.5	41.1	2.0	54.5	2.4
Hct l/l	0.175	0.015	0.411	0.020	0.545	0.024
MCV fl	74.0	5.0	87.5	5.0	96.0	5.0
MCH pg	24.9	2.5	29.6	2.5	32.4	2.5
MCH fmol	1.54	0.16	1.84	0.16	2.01	0.16
MCHC g/dl	33.6	3.0	33.8	3.0	33.7	3.0
MCHC mmol/l	20.9	1.8	21.0	1.8	20.9	1.8
RDW-CV	13.5	3.0	13.0	3.0	13.0	3.0
RDW-SD	34.5	6.0	40.0	6.0	40.0	8.0
Plts 10 <sup>9</sup> /l	74	20	259	40	507	60
MPV fl	8.4	3.0	8.4	3.0	8.1	3.0
LYMP %	59.5	12.0	30.5	8.0	12.5	6.0
MONO %	9.0	7.0	8.0	6.0	6.0	5.0
GRAN %	31.5	9.0	61.5	8.0	81.5	8.0
LYMP #	1.2	0.3	2.3	0.7	2.6	1.3
MONO #	0.2	0.2	0.6	0.5	1.2	1.1
GRAN #	0.6	0.2	4.7	0.7	16.7	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 <sup>9</sup> /l	1.9	0.5	7.8	1.0	21.4	2.5
RBC 10 <sup>12</sup> /l	2.28	0.18	4.60	0.24	5.55	0.30
Hb g/dl	6.0	0.4	13.9	0.6	18.6	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.5	0.5
Hct %	17.2	1.5	40.0	2.0	52.7	2.4
Hct l/l	0.172	0.015	0.400	0.020	0.527	0.024
MCV fl	75.5	5.0	87.0	5.0	95.0	5.0
MCH pg	26.3	2.5	30.2	2.5	33.5	2.5
MCH fmol	1.63	0.16	1.88	0.16	2.08	0.16
MCHC g/dl	34.9	3.0	34.7	3.0	35.3	3.0
MCHC mmol/l	21.6	1.8	21.6	1.8	21.9	1.8
RDW-CV	14.5	3.0	14.0	3.0	14.0	3.0
RDW-SD	36.5	6.0	42.0	6.0	44.0	8.0
Plts 10 <sup>9</sup> /l	65	20	255	40	542	60
MPV fl	9.0	3.0	9.2	3.0	9.2	3.0
PCT %	0.06	0.05	0.23	0.10	0.50	0.20
PCT ml/l	0.59	0.50	2.35	1.00	4.99	2.00
PDW fl	15.9	3.0	16.2	3.0	16.0	3.0
LYMP %	60.5	11.0	32.5	8.0	13.5	8.0
MONO %	9.0	8.0	7.5	6.0	8.0	6.0
GRAN %	30.5	8.0	60.0	9.0	78.5	9.0
LYMP #	1.1	0.3	2.5	0.7	2.9	1.8
MONO #	0.2	0.2	0.6	0.5	1.7	1.3
GRAN #	0.6	0.2	4.7	0.8	16.8	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 <sup>9</sup> /l	2.0	0.5	7.6	1.0	20.3	2.5
RBC 10 <sup>12</sup> /l	2.29	0.18	4.61	0.24	5.58	0.30
Hb g/dl	5.9	0.4	13.9	0.6	18.8	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.7	0.5
Hct %	16.8	1.5	39.6	2.0	52.7	2.4
Hct l/l	0.168	0.015	0.396	0.020	0.527	0.024
MCV fl	73.5	5.0	86.0	5.0	94.5	5.0
MCH pg	25.8	2.5	30.2	2.5	33.7	2.5
MCH fmol	1.60	0.16	1.87	0.16	2.09	0.16
MCHC g/dl	35.1	3.0	35.1	3.0	35.7	3.0
MCHC mmol/l	21.8	1.8	21.8	1.8	22.1	1.8
RDW-CV	16.0	3.0	15.0	3.0	14.5	3.0
RDW-SD	39.0	6.0	45.0	6.0	45.0	8.0
Plts 10 <sup>9</sup> /l	68	20	255	40	513	60
MPV fl	9.8	3.0	9.8	3.0	9.7	3.0
PCT %	0.07	0.05	0.25	0.10	0.50	0.20
PCT ml/l	0.67	0.50	2.50	1.00	4.98	2.00
PDW fl	15.0	3.0	14.8	3.0	14.8	3.0
LYMP %	60.0	10.0	32.0	8.0	14.0	7.0
MONO %	9.0	8.0	5.5	5.0	5.0	4.5
GRAN %	31.0	9.0	62.5	9.0	81.0	8.0
LYMP #	1.2	0.3	2.4	0.7	2.8	1.5
MONO #	0.2	0.2	0.4	0.4	1.0	1.0
GRAN #	0.6	0.2	4.8	0.7	16.4	1.7

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	7.7	1.0	20.1	2.5
RBC 10 <sup>12</sup> /l	2.44	0.18	4.81	0.24	5.70	0.30
Hb g/dl	5.9	0.4	13.9	0.6	18.5	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.5	0.5
Hct %	18.1	1.5	41.8	2.0	54.4	2.4
Hct l/l	0.181	0.015	0.418	0.020	0.544	0.024
MCV fl	74.0	5.0	87.0	5.0	95.5	5.0
MCH pg	24.2	2.5	28.9	2.5	32.5	2.5
MCH fmol	1.50	0.16	1.79	0.16	2.01	0.16
MCHC g/dl	32.7	3.0	33.2	3.0	34.0	3.0
MCHC mmol/l	20.3	1.8	20.6	1.8	21.1	1.8
RDW-CV	15.3	3.0	14.5	3.0	14.0	3.0
RDW-SD	38.0	6.0	42.5	6.0	44.0	8.0
Plts 10 <sup>9</sup> /l	76	20	262	40	517	60
MPV fl	9.2	3.0	8.7	3.0	8.8	3.0
PCT %	0.07	0.05	0.23	0.10	0.45	0.20
PCT ml/l	0.70	0.50	2.28	1.00	4.55	2.00
PDW fl	16.2	3.0	15.7	3.0	15.6	3.0
LYMP %	59.0	12.0	30.5	8.0	13.5	7.0
MONO %	9.0	8.0	7.5	6.5	5.0	5.0
GRAN %	32.0	9.0	62.0	8.0	81.5	8.0
LYMP #	1.2	0.3	2.3	0.7	2.7	1.5
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
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 <sup>9</sup> /l	2.1	0.5	7.5	1.0	18.8	2.5
RBC 10 <sup>12</sup> /l	2.19	0.18	4.46	0.24	5.51	0.30
Hb g/dl **	6.0	0.4	14.5	0.6	19.3	0.8
Hb mmol/l **	3.7	0.3	9.0	0.4	12.0	0.5
Hct %	17.5	1.5	41.0	2.0	54.0	2.4
Hct l/l	0.175	0.015	0.410	0.020	0.540	0.024
MCV fl	80.0	5.0	92.0	5.0	98.0	5.0
MCH pg **	27.4	2.5	32.5	2.5	35.0	2.5
MCH fmol **	1.70	0.16	2.02	0.16	2.17	0.16
MCHC g/dl **	34.2	3.0	35.3	3.0	35.7	3.0
MCHC mmol/l **	21.3	1.8	21.9	1.8	22.2	1.8
RDW-CV	15.1	3.0	15.1	3.0	14.6	3.0
RDW-SD	43.1	6.0	49.6	6.0	51.1	6.0
Plts 10 <sup>9</sup> /l	72	20	234	40	448	60
MPV fl	8.8	3.0	8.8	3.0	8.7	3.0
LYMP %	58.8	12.0	29.9	8.0	12.3	6.0
MONO %	11.8	7.0	7.6	6.0	5.4	5.4
GRAN %	29.4	9.0	62.5	8.0	82.3	8.0
LYMP #	1.2	0.3	2.2	0.7	2.3	1.3
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
GRAN #	0.6	0.2	4.7	0.7	15.5	1.7

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

Hb g/dl	5.7	0.4	13.5	0.6	18.0	0.8
Hb mmol/l	3.5	0.3	8.4	0.4	11.2	0.5
MCH pg	26.0	2.5	30.3	2.5	32.7	2.5
MCH fmol	1.62	0.16	1.88	0.16	2.03	0.16
MCHC g/dl	32.5	3.0	32.9	3.0	33.3	3.0
MCHC mmol/l	20.2	1.8	20.4	1.8	20.7	1.8

**Mindray BC-2300, BC-2100**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1.9	0.5	7.5	1.0	20.4	2.5
RBC 10 <sup>12</sup> /l	2.28	0.18	4.44	0.24	5.40	0.30
Hb g/dl	5.9	0.4	13.5	0.6	18.1	0.8
Hb mmol/l	3.7	0.3	8.4	0.4	11.2	0.5
Hct %	16.2	1.5	37.5	2.0	50.2	2.4
Hct l/l	0.162	0.015	0.375	0.020	0.502	0.024
MCV fl	71.0	5.0	84.5	5.0	93.0	5.0
MCH pg	25.9	2.5	30.4	2.5	33.5	2.5
MCH fmol	1.61	0.16	1.89	0.16	2.08	0.16
MCHC g/dl	36.4	3.0	36.0	3.0	36.0	3.0
MCHC mmol/l	22.6	1.8	22.3	1.8	22.4	1.8
RDW-CV	14.0	3.0	13.0	3.0	12.5	3.0
RDW-SD	30.0	6.0	34.0	6.0	35.0	8.0
Plts 10 <sup>9</sup> /l	63	20	238	40	515	60
MPV fl	10.2	3.0	10.2	3.0	10.2	3.0
PCT %	0.06	0.05	0.24	0.10	0.53	0.20
PCT ml/l	0.64	0.50	2.43	1.00	5.25	2.00
PDW fl	14.8	3.0	15.0	3.0	15.0	3.0
LYMP %	61.0	10.0	32.5	8.0	14.5	8.0
MONO %	9.0	8.0	7.0	6.0	9.5	8.0
GRAN %	30.0	9.0	60.5	10.0	76.0	9.0
LYMP #	1.2	0.3	2.4	0.6	3.0	1.7
MONO #	0.2	0.2	0.5	0.5	1.9	1.6
GRAN #	0.6	0.2	4.5	0.8	15.5	1.9