

REF : 3734-3735-3736-3752-3753-3754-3820-3821-3822  
 LOT : 190  
 : 2010, February 19th

Coulter Counter Models (with III Diff. option; for ActT 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	7.6	0.8	20.6	2.0
RBC 10 <sup>12</sup> /l	2.28	0.12	4.57	0.15	5.60	0.18
Hb g/dl	5.9	0.4	13.6	0.5	18.1	0.6
Hb mmol/l	3.7	0.3	8.4	0.3	11.2	0.4
Hct %	16.9	1.5	38.4	2.4	51.0	3.0
Hct l/l	0.169	0.015	0.384	0.024	0.510	0.030
MCV fl	74	4	84	4	91	4
MCH pg	25.9	2.4	29.8	2.8	32.3	2.8
MCH fmol	1.61	0.14	1.85	0.11	2.01	0.11
MCHC g/dl	35.0	3.0	35.4	3.0	35.5	3.0
MCHC mmol/l	21.7	2.0	22.0	2.0	22.0	2.0
RDW %	15.8	3.0	15.5	3.0	14.1	3.0
Plts 10 <sup>9</sup> /l	65	15	259	30	537	55
MPV fl	6.9	2.0	7.3	1.5	7.3	1.5
PDW %	18.1	2.5	16.9	2.5	16.5	2.5
LYMP %	59.3	6.0	31.9	4.0	15.8	4.0
MONO %	10.8	4.0	7.6	4.0	3.9	3.0
GRAN %	29.9	5.0	60.5	5.0	80.3	5.0
LYMP #	1.2	0.3	2.4	0.4	3.3	0.8
MONO #	0.2	0.2	0.6	0.6	0.8	0.8
GRAN #	0.6	0.2	4.6	0.6	16.5	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	7.2	0.8	19.1	2.0
RBC 10 <sup>12</sup> /l	2.28	0.12	4.53	0.15	5.59	0.18
Hb g/dl	5.6	0.4	13.6	0.5	18.0	0.6
Hb mmol/l	3.5	0.2	8.4	0.3	11.2	0.4
Hct %	15.7	1.5	37.0	2.4	50.3	3.0
Hct l/l	0.157	0.015	0.370	0.024	0.503	0.030
MCV fl	69	4	82	4	90	4
MCH pg	24.5	2.4	30.0	2.8	32.2	2.8
MCH fmol	1.52	0.14	1.86	0.11	2.00	0.11
MCHC g/dl	35.6	3.0	36.7	3.0	35.8	3.0
MCHC mmol/l	22.1	1.8	22.8	1.8	22.2	1.8
RDW %	14.4	3.0	15.9	3.0	14.5	3.0
Plts 10 <sup>9</sup> /l	71	15	256	30	502	55
MPV fl	6.6	2.0	7.0	1.5	6.9	1.5
LYMP %	51.3	5.0	28.3	4.0	14.4	4.0
MONO %	10.3	4.0	7.5	4.0	3.1	3.0
GRAN %	38.4	4.0	64.2	5.0	82.5	5.0
LYMP #	1.1	0.3	2.0	0.4	2.7	0.8
MONO #	0.2	0.1	0.5	0.3	0.6	0.6
GRAN #	0.8	0.2	4.6	0.6	15.8	1.2

Abbott Cell-Dyn: 1300, 1700, 1800 series

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.3	0.4	7.3	0.8	18.5	2.0
RBC 10 <sup>12</sup> /l	2.31	0.12	4.53	0.15	5.49	0.18
Hb g/dl	5.8	0.4	13.4	0.5	17.9	0.6
Hb mmol/l	3.6	0.2	8.3	0.3	11.1	0.4
Hct %	17.1	1.5	38.5	2.4	50.5	3.0
Hct l/l	0.171	0.015	0.385	0.024	0.505	0.030
MCV fl	74	4	85	4	92	4
MCH pg	25.1	2.4	29.6	2.8	32.6	2.8
MCH fmol	1.56	0.14	1.84	0.11	2.02	0.11
MCHC g/dl	33.9	3.0	34.8	3.0	35.4	3.0
MCHC mmol/l	21.1	1.8	21.6	1.8	22.0	1.8
Plts 10 <sup>9</sup> /l	61	15	254	30	524	55
MPV fl	7.8	2	7.8	1.5	7.5	1.5
LYMP %	59.3	5.0	31.9	4.0	15.8	4.0
MID %	10.8	4.0	7.6	4.0	3.9	3.0
GRAN %	29.9	4.0	60.5	5.0	80.3	5.0
LYMP #	1.4	0.3	2.3	0.4	2.9	0.8
MID #	0.2	0.1	0.6	0.3	0.7	0.6
GRAN #	0.7	0.2	4.4	0.6	14.9	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	7.6	0.8	20.5	2.0
RBC 10 <sup>12</sup> /l	2.28	0.12	4.57	0.15	5.60	0.18
Hb g/dl	5.9	0.4	13.6	0.5	18.1	0.6
Hb mmol/l	3.7	0.3	8.4	0.3	11.2	0.4
Hct %	16.9	1.5	38.8	2.4	51.5	3.0
Hct l/l	0.169	0.015	0.388	0.024	0.515	0.030
MCV fl	74	4	85	4	92	4
MCH pg	25.9	2.4	29.8	2.8	32.3	2.8
MCH fmol	1.61	0.10	1.85	0.11	2.01	0.12
MCHC g/dl	35.0	3.0	35.0	3.0	35.1	3.0
MCHC mmol/l	21.7	2.0	21.7	2.0	21.8	2.0
RDW %	15.8	3.0	15.5	3.0	14.1	3.0
Plts 10 <sup>9</sup> /l	65	15	257	30	535	55
MPV fl	6.9	2.0	7.3	1.5	7.3	1.5
LYMP %	61.0	6.0	31.5	4.0	14.5	4.0
MONO %	8.0	4.0	6.0	4.0	3.0	3.0
GRAN %	31.0	5.0	62.5	5.0	82.5	5.0
LYMP #	1.3	0.3	2.4	0.4	3.0	0.8
MONO #	0.2	0.1	0.5	0.3	0.6	0.6
GRAN #	0.7	0.2	4.8	0.6	16.9	1.2

Coulter Counter: Act 8, Act 10

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
LYMP %	49.0	6.0	25.5	4.0	11.0	4.0
LYMP #	1.0	0.3	1.9	0.5	2.3	1.0

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	7.3	0.8	18.9	2.0
RBC 10 <sup>12</sup> /l	2.26	0.12	4.53	0.15	5.52	0.18
Hb g/dl	5.8	0.4	13.9	0.5	19.3	0.6
Hb mmol/l	3.6	0.2	8.6	0.3	12.0	0.4
Hct %	17.2	1.5	38.7	2.4	52.8	3.0
Hct l/l	0.172	0.015	0.387	0.024	0.528	0.030
MCV fl	76	4	85	4	96	4
MCH pg	25.7	2.4	30.7	2.8	35.0	2.8
MCH fmol	1.59	0.14	1.90	0.11	2.18	0.11
MCHC g/dl	33.8	3.0	35.9	3.0	36.6	3.0
MCHC mmol/l	20.9	1.8	22.3	1.8	22.7	1.8
RDW %	14.7	3.0	14.9	3.0	13.4	3.0
Plts 10 <sup>9</sup> /l	66	15	264	30	525	55
MPV fl	6.9	2	6.4	1.5	6.0	1.5
LYMP %	63.2	5.0	33.9	4.0	19.0	4.0
MONO %	11.8	4.0	8.2	4.0	3.7	3.0
GRAN %	25.0	4.0	57.9	5.0	77.2	5.0
LYMP #	1.3	0.3	2.5	0.4	3.6	0.8
MONO #	0.3	0.1	0.6	0.3	0.7	0.6
GRAN #	0.5	0.2	4.2	0.6	14.6	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	7.7	0.8	20.8	2.0
RBC 10 <sup>12</sup> /l	2.39	0.12	4.49	0.15	5.48	0.18
Hb g/dl	5.9	0.4	13.5	0.5	18.2	0.6
Hb mmol/l	3.7	0.2	8.4	0.3	11.3	0.4
Hct %	17.6	1.5	38.2	2.4	50.6	3.0
Hct l/l	0.176	0.015	0.382	0.024	0.506	0.030
MCV fl	74	4	85	4	92	4
MCH pg	24.8	2.4	30.1	2.8	33.2	2.8
MCH fmol	1.54	0.14	1.87	0.11	2.06	0.11
MCHC g/dl	33.7	3.0	35.4	3.0	35.9	3.0
MCHC mmol/l	20.9	1.8	22.0	1.8	22.3	1.8
RDW %	11.9	3.0	11.7	3.0	11.2	3.0
Plts 10 <sup>9</sup> /l	75	15	274	30	523	55
MPV fl	5.8	2	6.5	1.5	6.6	1.5
LYMP %	51.9	5.0	25.6	4.0	11.8	4.0
MONO %	11.2	4.0	7.0	4.0	3.0	3.0
GRAN %	36.9	4.0	67.4	5.0	85.2	5.0
LYMP #	1.1	0.3	2.0	0.4	2.5	0.8
MONO #	0.2	0.1	0.5	0.3	0.6	0.6
GRAN #	0.8	0.2	5.2	0.6	17.7	1.2

LOT : 190

 : 2010, February 19th

**Diatron: Abacus, Arcus \*\***

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1.9	0.4	7.3	0.8	20.2	2.0
RBC 10 <sup>12</sup> /l	2.42	0.12	4.73	0.15	5.76	0.20
Hb g/dl	5.7	0.4	13.3	0.5	17.5	0.6
Hb mmol/l	3.5	0.3	8.3	0.4	10.9	0.4
Hct %	19.0	1.5	42.3	2.4	55.8	3.0
Hct l/l	0.190	0.015	0.423	0.024	0.558	0.030
MCV fl	79	4	89	4	97	4
MCH pg	23.6	2.4	28.1	2.8	30.4	2.8
MCH fmol	1.47	0.14	1.74	0.11	1.89	0.11
MCHC g/dl	30.0	3.0	31.4	3.0	31.4	3.0
MCHC mmol/l	18.6	1.8	19.5	1.8	19.5	1.8
RDW-SD fl	54.8	3.0	61.0	3.0	58.5	3.0
RDW-CV %	17.7	3.0	17.4	3.0	15.4	3.0
Plts 10 <sup>9</sup> /l	62	15	286	30	572	55
MPV fl	6.7	1.5	7.3	1.5	7.5	1.5
PCT %	0.04	0.02	0.21	0.03	0.43	0.04
PCT ml/l	0.42	0.2	2.09	0.3	4.28	0.4
PDW-SD fl	9.6	2.5	9.9	2.5	9.5	3.0
PDW-CV %	39.9	2.5	38.0	2.5	35.6	3.0
LYMP %	56.4	5.0	30.7	4.0	13.4	4.0
MONO %	10.9	4.0	6.7	4.0	4.1	4.0
GRAN %	32.7	4.0	62.6	5.0	82.6	5.0
LYMP #	1.1	0.3	2.2	0.4	2.7	0.8
MONO #	0.2	0.1	0.5	0.3	0.8	0.6
GRAN #	0.6	0.2	4.6	0.6	16.7	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 %	64.1	5.0	38.0	4.0	18.8	4.0
MONO %	9.9	4.0	8.6	4.0	5.0	3.0
GRAN %	26.0	4.0	53.4	5.0	76.2	5.0
LYMP #	1.3	0.3	2.9	0.4	3.9	0.8
MONO #	0.2	0.1	0.7	0.3	1.0	0.6
GRAN #	0.5	0.2	4.1	0.6	15.7	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 %	72.0	5.0	40.0	4.0	19.8	4.0
MONO %	8.7	4.0	8.1	4.0	4.8	3.0
GRAN %	19.3	4.0	51.9	5.0	75.5	5.0
LYMP #	1.5	0.3	3.0	0.4	4.1	0.8
MONO #	0.2	0.1	0.6	0.2	1.0	0.4
GRAN #	0.4	0.2	3.9	0.6	15.5	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	7.8	0.8	21.5	2.0
RBC 10 <sup>12</sup> /l	2.39	0.12	4.58	0.15	5.45	0.18
Hb g/dl	5.7	0.4	13.1	0.5	17.4	0.6
Hb mmol/l	3.5	0.2	8.1	0.3	10.8	0.4
Hct %	18.4	1.5	40.3	2.4	54.0	3.0
Hct l/l	0.184	0.015	0.403	0.024	0.540	0.030
MCV fl	77	4	88	4	99	4
MCH pg	23.8	2.4	28.6	2.8	31.9	2.8
MCH fmol	1.48	0.14	1.78	0.11	1.98	0.11
MCHC g/dl	31.0	3.0	32.5	3.0	32.2	3.0
MCHC mmol/l	19.2	1.8	20.2	1.8	20.0	1.8
RDW %	18.8	3.0	17.0	3.0	15.5	3.0
Plts 10 <sup>9</sup> /l	75	15	273	30	563	55
MPV fl	7.7	2.0	7.7	1.5	7.8	1.5
PDW %	16.9	2.5	15.5	2.5	14.1	2.5
LYMP %	51.3	5.0	33.7	4.0	27.4	4.0
MONO %	4.4	4.4	3.9	3.9	0.9	0.9
GRAN %	44.3	4.0	62.4	5.0	71.7	5.0
LYMP #	1.1	0.3	2.6	0.4	5.9	0.8
MONO #	0.1	0.1	0.3	0.3	0.2	0.2
GRAN #	0.9	0.2	4.9	0.6	15.4	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	7.6	0.8	20.6	2.0
RBC 10 <sup>12</sup> /l	2.28	0.12	4.57	0.15	5.60	0.18
Hb g/dl	5.9	0.4	13.6	0.5	18.1	0.6
Hb mmol/l	3.7	0.2	8.4	0.3	11.2	0.4
Hct %	18.2	1.5	40.7	2.4	53.2	3.0
Hct l/l	0.182	0.015	0.407	0.024	0.532	0.030
MCV fl	80	4	89	4	95	4
MCH pg	25.9	2.4	29.8	2.8	32.3	2.8
MCH fmol	1.61	0.14	1.85	0.11	2.01	0.11
MCHC g/dl	32.3	3.0	33.4	3.0	34.0	3.0
MCHC mmol/l	20.1	1.8	20.8	1.8	21.1	1.8
RDW %	15.8	3.0	15.5	3.0	15.1	3.0
Plts 10 <sup>9</sup> /l	65	15	253	30	525	55
MPV fl	7.6	2.0	7.7	1.5	7.5	1.5
LYMP %	59.6	5.0	30.7	4.0	15.4	4.0
MONO %	6.2	6.2	4.5	4.5	1.9	1.9
GRAN %	34.2	4.0	64.8	5.0	82.7	5.0
LYMP #	1.3	0.3	2.3	0.4	3.2	0.8
MONO #	0.1	0.1	0.3	0.3	0.4	0.4
GRAN #	0.7	0.2	4.9	0.6	17.0	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



LOT : 190

 : 2010, February 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	7.8	1.0	20.8	2.5
RBC 10 <sup>12</sup> /l	2.34	0.18	4.68	0.24	5.78	0.30
Hb g/dl	5.9	0.4	13.6	0.6	18.5	0.8
Hb mmol/l	3.7	0.3	8.4	0.4	11.5	0.5
Hct %	17.8	1.5	40.7	2.0	54.6	2.4
Hct l/l	0.178	0.015	0.407	0.020	0.546	0.024
MCV fl	76.0	5.0	87.0	5.0	94.5	5.0
MCH pg	25.2	2.5	29.1	2.5	32.0	2.5
MCH fmol	1.56	0.16	1.80	0.16	1.99	0.16
MCHC g/dl	33.2	3.0	33.4	3.0	33.9	3.0
MCHC mmol/l	20.6	1.8	20.7	1.8	21.0	1.8
RDW-CV	13.2	3.0	13.0	3.0	12.2	3.0
RDW-SD	36.1	6.0	40.0	6.0	41.0	8.0
Plts 10 <sup>9</sup> /l	75	20	245	40	505	60
MPV fl	8.4	3.0	7.8	3.0	7.5	3.0
LYMP %	57.5	9.0	28.5	8.0	13.5	6.0
MONO %	12.0	8.0	9.5	7.0	5.5	5.5
GRAN %	30.5	7.0	62.0	8.0	81.0	8.0
LYMP #	1.2	0.4	2.2	0.8	2.8	1.5
MONO #	0.2	0.2	0.7	0.7	1.1	1.1
GRAN #	0.6	0.3	4.8	1.0	16.8	1.9

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	21.5	2.5
RBC 10 <sup>12</sup> /l	2.25	0.18	4.56	0.24	5.61	0.30
Hb g/dl	6.2	0.4	13.9	0.6	19.0	0.8
Hb mmol/l	3.8	0.3	8.6	0.4	11.8	0.5
Hct %	17.4	1.5	39.4	2.0	52.5	2.4
Hct l/l	0.174	0.015	0.394	0.020	0.525	0.024
MCV fl	77.5	5.0	86.5	5.0	93.5	5.0
MCH pg	27.6	2.5	30.5	2.5	33.9	2.5
MCH fmol	1.71	0.16	1.89	0.16	2.10	0.16
MCHC g/dl	35.6	3.0	35.2	3.0	36.2	3.0
MCHC mmol/l	22.1	1.8	21.9	1.8	22.5	1.8
RDW-CV	14.0	3.0	14.0	3.0	13.5	3.0
RDW-SD	37.0	6.0	41.5	6.0	43.5	8.0
Plts 10 <sup>9</sup> /l	62	20	240	40	550	60
MPV fl	8.9	3.0	9.0	3.0	8.7	3.0
PCT %	0.06	0.05	0.22	0.10	0.48	0.20
PCT ml/l	0.55	0.50	2.16	1.00	4.79	2.00
PDW fl	16.4	3.0	16.1	3.0	15.9	3.0
LYMP %	60.0	9.0	30.5	8.0	14.0	6.0
MONO %	11.0	7.0	7.0	6.0	6.0	5.0
GRAN %	29.0	8.0	62.5	9.0	80.0	8.0
LYMP #	1.1	0.4	2.4	0.8	3.0	1.5
MONO #	0.2	0.2	0.5	0.5	1.3	1.3
GRAN #	0.6	0.3	4.9	1.0	17.2	1.9

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	1.9	0.5	7.7	1.0	20.7	2.5
RBC 10 <sup>12</sup> /l	2.28	0.18	4.58	0.24	5.70	0.30
Hb g/dl	6.0	0.4	13.6	0.6	18.6	0.8
Hb mmol/l	3.7	0.3	8.4	0.4	11.5	0.5
Hct %	16.9	1.5	38.9	2.0	52.7	2.4
Hct l/l	0.169	0.015	0.389	0.020	0.527	0.024
MCV fl	74.0	5.0	85.0	5.0	92.5	5.0
MCH pg	26.3	2.5	29.7	2.5	32.6	2.5
MCH fmol	1.63	0.16	1.84	0.16	2.03	0.16
MCHC g/dl	35.6	3.0	34.9	3.0	35.3	3.0
MCHC mmol/l	22.1	1.8	21.7	1.8	21.9	1.8
RDW-CV	16.0	3.0	15.5	3.0	14.5	3.0
RDW-SD	40.0	6.0	44.5	6.0	45.0	8.0
Plts 10 <sup>9</sup> /l	58	20	230	40	495	60
MPV fl	9.5	3.0	9.4	3.0	9.2	3.0
PCT %	0.06	0.05	0.22	0.10	0.46	0.20
PCT ml/l	0.55	0.50	2.16	1.00	4.55	2.00
PDW fl	14.9	3.0	14.8	3.0	14.7	3.0
LYMP %	59.5	9.0	32.0	8.0	15.2	6.0
MONO %	11.0	7.0	6.5	5.0	4.0	4.0
GRAN %	29.5	8.0	61.5	9.0	80.8	8.0
LYMP #	1.1	0.4	2.5	0.8	3.1	1.5
MONO #	0.2	0.2	0.5	0.5	0.8	0.8
GRAN #	0.6	0.3	4.7	1.0	16.7	1.9

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	7.6	1.0	20.3	2.5
RBC 10 <sup>12</sup> /l	2.34	0.18	4.70	0.24	5.73	0.30
Hb g/dl	6.0	0.4	13.8	0.6	18.7	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.6	0.5
Hct %	17.8	1.5	40.9	2.0	54.1	2.4
Hct l/l	0.178	0.015	0.409	0.020	0.541	0.024
MCV fl	76.0	5.0	87.0	5.0	94.5	5.0
MCH pg	25.6	2.5	29.4	2.5	32.6	2.5
MCH fmol	1.59	0.16	1.82	0.16	2.03	0.16
MCHC g/dl	33.7	3.0	33.7	3.0	34.5	3.0
MCHC mmol/l	20.9	1.8	20.9	1.8	21.4	1.8
RDW-CV	13.6	3.0	13.6	3.0	13.0	3.0
RDW-SD	38.0	6.0	42.8	6.0	43.5	8.0
Plts 10 <sup>9</sup> /l	70	20	245	40	505	60
MPV fl	8.2	3.0	8.3	3.0	8.4	3.0
PCT %	0.06	0.05	0.20	0.10	0.42	0.20
PCT ml/l	0.57	0.50	2.03	1.00	4.24	2.00
PDW fl	16.1	3.0	15.8	3.0	15.6	3.0
LYMP %	56.5	10.0	30.0	8.0	14.5	7.0
MONO %	12.5	9.0	9.5	7.0	5.0	5.0
GRAN %	31.0	8.0	60.5	9.0	80.5	8.0
LYMP #	1.1	0.4	2.3	0.8	2.9	1.5
MONO #	0.3	0.3	0.7	0.7	1.0	1.0
GRAN #	0.6	0.3	4.6	1.0	16.3	1.9

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	7.6	1.0	19.4	2.5
RBC 10 <sup>12</sup> /l	2.13	0.18	4.40	0.24	5.54	0.30
Hb g/dl **	6.1	0.4	14.5	0.6	19.5	0.8
Hb mmol/l **	3.8	0.3	9.0	0.4	12.1	0.5
Hct %	17.0	1.5	39.6	2.0	53.2	2.4
Hct l/l	0.170	0.015	0.396	0.020	0.532	0.024
MCV fl	80.0	5.0	90.0	5.0	96.0	5.0
MCH pg **	28.6	2.5	33.0	2.5	35.2	2.5
MCH fmol **	1.78	0.16	2.05	0.16	2.18	0.16
MCHC g/dl **	35.8	3.0	36.6	3.0	36.7	3.0
MCHC mmol/l **	22.2	1.8	22.7	1.8	22.8	1.8
RDW-CV	14.6	3.0	14.8	3.0	13.9	3.0
RDW-SD	41.7	6.0	47.6	6.0	47.7	6.0
Plts 10 <sup>9</sup> /l	72	20	241	40	493	60
MPV fl	7.6	3.0	8.1	3.0	7.8	3.0
LYMP %	59.3	9.0	28.9	8.0	13.3	6.0
MONO %	10.8	8.0	7.6	7.0	3.9	3.9
GRAN %	29.9	7.0	63.5	8.0	82.8	8.0
LYMP #	1.2	0.4	2.2	0.8	2.6	1.5
MONO #	0.2	0.2	0.6	0.6	0.8	0.8
GRAN #	0.6	0.3	4.8	1.0	16.1	1.9

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

Hb g/dl	5.8	0.4	13.5	0.6	18.2	0.8
Hb mmol/l	3.6	0.3	8.4	0.4	11.3	0.5
MCH pg	27.2	2.5	30.7	2.5	32.9	2.5
MCH fmol	1.69	0.16	1.90	0.16	2.04	0.16
MCHC g/dl	34.0	3.0	34.1	3.0	34.2	3.0
MCHC mmol/l	21.1	1.8	21.2	1.8	21.2	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	7.6	1.0	20.8	2.5
RBC 10 <sup>12</sup> /l	2.27	0.18	4.50	0.24	5.52	0.30
Hb g/dl	6.1	0.4	13.6	0.6	18.4	0.8
Hb mmol/l	3.8	0.3	8.4	0.4	11.4	0.5
Hct %	16.6	1.5	37.8	2.0	50.2	2.4
Hct l/l	0.166	0.015	0.378	0.020	0.502	0.024
MCV fl	73.0	5.0	84.0	5.0	91.0	5.0
MCH pg	26.9	2.5	30.2	2.5	33.3	2.5
MCH fmol	1.67	0.16	1.88	0.16	2.07	0.16
MCHC g/dl	36.8	3.0	36.0	3.0	36.6	3.0
MCHC mmol/l	22.8	1.8	22.3	1.8	22.7	1.8
RDW-CV	13.3	3.0	13.4	3.0	12.5	3.0
RDW-SD	27.5	6.0	30.4	6.0	30.5	8.0
Plts 10 <sup>9</sup> /l	75	20	245	40	515	60
MPV fl	11.3	3.0	10.9	3.0	10.9	3.0
PCT %	0.08	0.05	0.27	0.10	0.56	0.20
PCT ml/l	0.85	0.50	2.67	1.00	5.61	2.00
PDW fl	15.1	3.0	14.8	3.0	14.8	3.0
LYMP %	57.5	9.0	31.0	8.0	15.5	6.0
MONO %	10.0	8.0	7.5	6.5	6.5	6.0
GRAN %	32.5	8.0	61.5	9.0	78.0	8.0
LYMP #	1.1	0.4	2.4	0.8	3.2	1.5
MONO #	0.2	0.2	0.6	0.6	1.4	1.4
GRAN #	0.6	0.3	4.7	1.0	16.2	1.9