

REF : 3734-3735-3736-3752-3753-3754-3820-3821-3822  
 LOT : 198  
 : 2012-02-19

**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 <sup>9</sup> /l	2.0	0.4	7.8	0.8	20.5	2.0
RBC 10 <sup>12</sup> /l	2.40	0.15	4.72	0.20	5.58	0.24
Hb g/dl	6.1	0.4	13.7	0.5	18.2	0.6
Hb mmol/l	3.8	0.3	8.5	0.4	11.3	0.5
Hct %	18.1	1.5	39.9	2.4	52.2	3.0
Hct l/l	0.181	0.015	0.399	0.024	0.522	0.030
MCV fl	75.5	4.0	84.5	4.0	93.5	4.0
MCH pg	25.4	2.4	29.0	2.8	32.6	2.8
MCH fmol	1.58	0.16	1.80	0.17	2.02	0.19
MCHC g/dl	33.7	3.0	34.3	3.0	34.9	3.0
MCHC mmol/l	20.9	2.0	21.3	2.0	21.6	2.0
RDW %	16.9	3.0	16.2	3.0	15.5	3.0
Plts 10 <sup>9</sup> /l	70	20	257	35	502	60
MPV fl	7.6	2.0	7.3	2.0	7.8	2.0
PDW %	18.0	3.0	16.8	3.0	16.6	3.0
LYMP %	53.8	6.0	30.9	5.0	15.3	4.0
MONO %	13.3	6.0	7.6	4.0	5.9	3.0
GRAN %	32.9	6.0	61.5	6.0	78.8	5.0
LYMP #	1.1	0.2	2.4	0.5	3.1	0.9
MONO #	0.3	0.2	0.6	0.4	1.2	0.7
GRAN #	0.7	0.2	4.8	0.5	16.2	1.1

**ABX Roche: Micros; Bayer: Advia 60**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.3	0.8	19.0	2.0
RBC 10 <sup>12</sup> /l	2.41	0.15	4.68	0.20	5.57	0.24
Hb g/dl	5.8	0.4	13.7	0.5	18.1	0.6
Hb mmol/l	3.6	0.3	8.5	0.4	11.3	0.5
Hct %	16.9	1.5	38.4	2.4	51.5	3.0
Hct l/l	0.169	0.015	0.384	0.024	0.515	0.030
MCV fl	70.1	4.0	82.1	4.0	92.5	4.0
MCH pg	24.0	2.4	29.2	2.8	32.5	2.8
MCH fmol	1.49	0.16	1.81	0.17	2.02	0.19
MCHC g/dl	34.3	3.0	35.6	3.0	35.2	3.0
MCHC mmol/l	21.3	2.0	22.1	2.0	21.8	2.0
RDW %	15.4	3.0	16.6	3.0	15.9	3.0
Plts 10 <sup>9</sup> /l	76	20	254	35	469	60
MPV fl	7.3	2.0	7.0	2.0	7.3	2.0
LYMP %	46.5	6.0	27.4	5.0	13.9	4.0
MONO %	12.7	6.0	7.5	4.0	4.6	3.0
GRAN %	40.8	6.0	65.1	6.0	81.4	5.0
LYMP #	1.0	0.2	2.0	0.5	2.6	0.9
MONO #	0.3	0.2	0.6	0.4	0.9	0.7
GRAN #	0.8	0.2	4.8	0.5	15.5	1.1

**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	2.2	0.4	7.5	0.8	18.4	2.0
RBC 10 <sup>12</sup> /l	2.43	0.2	4.68	0.20	5.47	0.2
Hb g/dl	6.0	0.4	13.5	0.5	18.0	0.6
Hb mmol/l	3.7	0.3	8.4	0.4	11.2	0.5
Hct %	18.3	1.5	40.0	2.4	51.7	3.0
Hct l/l	0.183	0.015	0.400	0.0	0.517	0.030
MCV fl	75.5	4.0	85.5	4.0	94.5	4.0
MCH pg	24.7	2.4	28.8	2.8	32.9	2.8
MCH fmol	1.53	0.16	1.79	0.17	2.04	0.19
MCHC g/dl	32.7	3.0	33.7	3.0	34.8	3.0
MCHC mmol/l	20.3	2.0	20.9	2.0	21.6	2.0
Plts 10 <sup>9</sup> /l	66	20	252	35	489	60
MPV fl	8.5	2.0	7.8	2.0	8.0	2.0
LYMP %	53.8	6.0	30.9	5.0	15.3	4.0
MID %	13.3	6.0	7.6	4.0	5.9	3.0
GRAN %	32.9	6.0	61.5	6.0	78.8	5.0
LYMP #	1.2	0.2	2.3	0.5	2.8	0.9
MID #	0.3	0.2	0.6	0.4	1.1	0.7
GRAN #	0.7	0.2	4.6	0.5	14.5	1.1

**Coulter Counter: AcT diff, AcT diff 2**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.4	7.8	0.8	20.4	2.0
RBC 10 <sup>12</sup> /l	2.40	0.15	4.72	0.20	5.58	0.24
Hb g/dl	6.1	0.4	13.7	0.5	18.2	0.6
Hb mmol/l	3.8	0.3	8.5	0.4	11.3	0.5
Hct %	18.1	1.5	40.4	2.4	52.7	3.0
Hct l/l	0.181	0.015	0.404	0.024	0.527	0.030
MCV fl	75.5	4.0	85.5	4.0	94.5	4.0
MCH pg	25.4	2.4	29.0	2.8	32.6	2.8
MCH fmol	1.58	0.16	1.80	0.17	2.02	0.19
MCHC g/dl	33.7	3.0	33.9	3.0	34.5	3.0
MCHC mmol/l	20.9	2.0	21.0	2.0	21.4	2.0
RDW %	16.9	3.0	16.2	3.0	15.5	3.0
Plts 10 <sup>9</sup> /l	70	20	255	35	500	60
MPV fl	7.6	2.0	7.3	2.0	7.8	2.0
LYMP %	55.5	6.0	30.5	5.0	14.0	4.0
MONO %	10.5	6.0	6.0	4.0	5.0	3.0
GRAN %	34.0	6.0	63.5	6.0	81.0	5.0
LYMP #	1.0	0.2	2.4	0.5	2.9	0.9
MONO #	0.2	0.2	0.5	0.4	1.0	0.7
GRAN #	0.7	0.2	5.0	0.5	16.5	1.1

**Coulter Counter: AcT 8, AcT 10**


Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
LYMP %	42.0	6.0	22.5	4.0	9.5	4.0
LYMP #	0.8	0.2	1.8	0.4	1.9	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 <sup>9</sup> /l	2.0	0.4	7.5	0.8	18.8	2.0
RBC 10 <sup>12</sup> /l	2.38	0.15	4.68	0.20	5.50	0.24
Hb g/dl	6.0	0.4	14.0	0.5	19.4	0.6
Hb mmol/l	3.7	0.3	8.7	0.4	12.1	0.5
Hct %	18.5	1.5	40.2	2.4	54.1	3.0
Hct l/l	0.185	0.015	0.402	0.0	0.541	0.030
MCV fl	77.6	4.0	85.9	4.0	98.4	4.0
MCH pg	25.2	2.4	29.9	2.8	35.4	2.8
MCH fmol	1.56	0.16	1.86	0.17	2.20	0.19
MCHC g/dl	32.5	3.0	34.8	3.0	35.9	3.0
MCHC mmol/l	20.2	2.0	21.6	2.0	22.3	2.0
RDW %	15.7	3.0	15.6	3.0	14.7	3.0
Plts 10 <sup>9</sup> /l	72	20	262	35	491	60
MPV fl	7.6	2.0	6.4	2.0	6.4	2.0
LYMP %	57.3	6.0	32.8	5.0	18.4	4.0
MONO %	14.5	6.0	8.2	4.0	5.7	3.0
GRAN %	28.2	6.0	59.0	6.0	75.9	5.0
LYMP #	1.2	0.2	2.4	0.5	3.5	0.9
MONO #	0.3	0.2	0.6	0.4	1.1	0.7
GRAN #	0.6	0.2	4.4	0.5	14.3	1.1

**Danam / Drew Excel18 = MWI BT2100, Drew D3**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	7.9	0.8	20.7	2.0
RBC 10 <sup>12</sup> /l	2.52	0.2	4.64	0.20	5.46	0.2
Hb g/dl	6.1	0.4	13.6	0.5	18.3	0.6
Hb mmol/l	3.8	0.3	8.4	0.4	11.3	0.5
Hct %	18.9	1.5	39.7	2.4	51.8	3.0
Hct l/l	0.189	0.015	0.397	0.0	0.518	0.030
MCV fl	75.2	4.0	85.5	4.0	94.9	4.0
MCH pg	24.4	2.4	29.3	2.8	33.5	2.8
MCH fmol	1.51	0.16	1.82	0.17	2.08	0.19
MCHC g/dl	32.4	3.0	34.3	3.0	35.3	3.0
MCHC mmol/l	20.1	2.0	21.3	2.0	21.9	2.0
RDW %	12.8	3.0	12.2	3.0	12.4	3.0
Plts 10 <sup>9</sup> /l	81	20	272	35	489	60
MPV fl	6.3	2.0	6.5	2.0	7.0	2.0
LYMP %	47.1	6.0	24.8	5.0	11.5	4.0
MONO %	13.8	6.0	7.0	4.0	4.5	3.0
GRAN %	39.1	6.0	68.2	6.0	84.0	5.0
LYMP #	1.0	0.2	2.0	0.5	2.4	0.9
MONO #	0.3	0.2	0.6	0.4	0.9	0.7
GRAN #	0.8	0.2	5.4	0.5	17.4	1.1

LOT : 198  
 : 2012-02-19

Diatron: Abacus, Arcus \*\*

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1.9	0.4	7.6	0.8	20.5	2.0
RBC 10 <sup>12</sup> /l	2.54	0.2	4.86	0.20	5.68	0.2
Hb g/dl	6.3	0.4	13.8	0.5	18.7	0.6
Hb mmol/l	3.9	0.3	8.6	0.4	11.6	0.5
Hct %	20.0	1.5	43.5	2.4	56.5	3.0
Hct l/l	0.200	0.015	0.435	0.0	0.565	0.030
MCV fl	78.6	4.0	89.5	4.0	99.6	4.0
MCH pg	25.0	2.4	28.4	2.8	33.0	2.8
MCH fmol	1.55	0.16	1.76	0.17	2.05	0.19
MCHC g/dl	31.7	3.0	31.8	3.0	33.2	3.0
MCHC mmol/l	19.7	2.0	19.7	2.0	20.6	2.0
RDW-SD fl	59.3	5.0	62.7	5.0	67.4	5.0
RDW-CV %	16.6	3.0	15.4	3.0	14.9	3.0
Plts 10 <sup>9</sup> /l	64	20	257	35	502	60
MPV fl	7.4	2.0	7.3	2.0	7.5	2.0
PCT %	0.05	0.02	0.19	0.06	0.37	0.10
PCT ml/l	0.48	0.2	1.88	0.3	3.75	0.4
PDW-SD fl	9.8	3.0	9.9	3.0	10.1	3.0
PDW-CV %	37.0	3.0	37.8	3.0	38.0	3.0
LYMP %	50.1	6.0	29.0	1.0	12.2	4.0
MONO %	10.8	8.0	7.0	1.0	7.6	3.0
GRAN %	39.1	7.0	64.0	6.0	80.2	6.0
LYMP #	1.0	0.2	2.2	0.5	2.5	0.9
MONO #	0.2	0.2	0.5	0.4	1.6	0.7
GRAN #	0.7	0.2	4.9	0.5	16.4	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 %	58.2	6.0	36.8	5.0	18.2	4.0
MONO %	12.2	6.0	8.6	4.0	7.6	3.0
GRAN %	29.6	6.0	54.5	6.0	74.3	5.0
LYMP #	1.2	0.2	2.9	0.5	3.7	0.9
MONO #	0.2	0.2	0.7	0.4	1.5	0.7
GRAN #	0.6	0.2	4.3	0.5	15.2	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 %	65.3	6.0	38.7	5.0	19.2	4.0
MONO %	10.7	6.0	8.1	4.0	7.2	3.0
GRAN %	24.0	6.0	53.2	6.0	73.6	5.0
LYMP #	1.3	0.2	3.0	0.5	3.9	0.9
MONO #	0.2	0.2	0.6	0.4	1.5	0.7
GRAN #	0.5	0.2	4.1	0.5	15.1	1.1

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


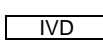

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.4	8.0	0.8	21.4	2.0
RBC 10 <sup>12</sup> /l	2.51	0.2	4.73	0.20	5.43	0.2
Hb g/dl	5.9	0.4	13.2	0.5	17.5	0.6
Hb mmol/l	3.7	0.3	8.2	0.4	10.9	0.5
Hct %	19.7	1.5	41.9	2.4	55.1	3.0
Hct l/l	0.197	0.0	0.419	0.024	0.551	0.030
MCV fl	78.5	4.0	88.5	4.0	101.5	4.0
MCH pg	23.5	2.4	27.9	2.8	32.2	2.8
MCH fmol	1.46	0.16	1.73	0.17	2.00	0.19
MCHC g/dl	29.9	3.0	31.5	3.0	31.8	3.0
MCHC mmol/l	18.6	2.0	19.6	2.0	19.7	2.0
RDW %	19.9	3.0	17.7	3.0	16.9	3.0
Plts 10 <sup>9</sup> /l	80	20	271	35	528	60
MPV fl	8.4	2.0	7.7	2.0	8.3	2.0
PDW %	16.8	3.0	15.4	3.0	14.2	3.0
LYMP %	45.8	6.0	32.7	5.0	26.9	4.0
MONO %	6.9	6.9	3.9	3.9	2.9	2.9
GRAN %	47.3	6.0	63.4	6.0	70.2	5.0
LYMP #	0.9	0.2	2.6	0.5	5.8	0.9
MONO #	0.1	0.1	0.3	0.3	0.6	0.6
GRAN #	0.9	0.2	5.1	0.5	15.0	1.1


Orphee MYTHIC 18

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.4	7.8	0.8	20.5	2.0
RBC 10 <sup>12</sup> /l	2.40	0.2	4.72	0.20	5.58	0.2
Hb g/dl	6.1	0.4	13.7	0.5	18.2	0.6
Hb mmol/l	3.8	0.3	8.5	0.4	11.3	0.5
Hct %	19.6	1.5	42.2	2.4	54.4	3.0
Hct l/l	0.196	0.015	0.422	0.024	0.544	0.030
MCV fl	81.5	4.0	89.5	4.0	97.5	4.0
MCH pg	25.4	2.4	29.0	2.8	32.6	2.8
MCH fmol	1.58	0.16	1.80	0.17	2.02	0.19
MCHC g/dl	31.2	3.0	32.4	3.0	33.5	3.0
MCHC mmol/l	19.4	2.0	20.1	2.0	20.8	2.0
RDW %	16.9	3.0	16.2	3.0	16.5	3.0
Plts 10 <sup>9</sup> /l	70	20	251	35	490	60
MPV fl	8.3	2.0	7.7	2.0	8.0	2.0
LYMP %	54.1	6.0	29.7	5.0	14.9	4.0
MONO %	8.7	6.0	4.5	4.5	3.9	3.9
GRAN %	37.2	6.0	65.8	6.0	81.2	5.0
LYMP #	1.1	0.2	2.3	0.5	3.1	0.9
MONO #	0.2	0.2	0.4	0.4	0.8	0.8
GRAN #	0.7	0.2	5.1	0.5	16.6	1.1

 Avantor Performance Materials B.V.  
P.O. Box 1 - 7400AA Deventer - The Netherlands  
Tel.: +31 (0)570 687500

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

2°C  8°C  

LOT : 198  
 : 2012-02-19

**Mindray BC-3200, BC-3000CT**

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	8.1	1.0	20.9	2.5
RBC 10 <sup>12</sup> /l	2.48	0.18	4.82	0.24	5.79	0.30
Hb g/dl	6.2	0.4	13.9	0.6	18.6	0.8
Hb mmol/l	3.8	0.3	8.6	0.4	11.5	0.5
Hct %	18.8	1.5	41.7	2.0	55.6	2.4
Hct l/l	0.188	0.015	0.417	0.020	0.556	0.024
MCV fl	76.0	5.0	86.5	5.0	96.0	5.0
MCH pg	25.0	2.5	28.8	2.5	32.1	2.5
MCH fmol	1.55	0.20	1.79	0.20	1.99	0.20
MCHC g/dl	32.9	3.0	33.3	3.0	33.5	3.0
MCHC mmol/l	20.5	2.0	20.7	2.0	20.8	2.0
RDW-CV	14.0	3.0	13.7	3.0	13.2	3.0
RDW-SD	36.0	6.0	39.0	6.0	41.0	8.0
Plts 10 <sup>9</sup> /l	76	20	248	40	490	60
MPV fl	8.3	3.0	8.0	3.0	7.8	3.0
LYMP %	58.5	12.0	28.0	8.0	12.5	6.0
MONO %	9.0	8.0	8.5	6.0	6.0	5.0
GRAN %	32.5	9.0	63.5	8.0	81.5	8.0
LYMP #	1.2	0.3	2.3	0.7	2.6	1.3
MONO #	0.2	0.2	0.7	0.5	1.3	1.1
GRAN #	0.7	0.2	5.1	0.7	17.0	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	1.8	0.5	8.1	1.0	21.5	2.5
RBC 10 <sup>12</sup> /l	2.33	0.18	4.64	0.24	5.59	0.30
Hb g/dl	6.0	0.4	13.8	0.6	18.6	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.5	0.5
Hct %	17.7	1.5	39.9	2.0	53.1	2.4
Hct l/l	0.177	0.015	0.399	0.020	0.531	0.024
MCV fl	76.0	5.0	86.0	5.0	95.0	5.0
MCH pg	25.8	2.5	29.7	2.5	33.3	2.5
MCH fmol	1.60	0.20	1.85	0.20	2.06	0.20
MCHC g/dl	33.9	3.0	34.6	3.0	35.0	3.0
MCHC mmol/l	21.0	2.0	21.5	2.0	21.7	2.0
RDW-CV	14.5	3.0	14.0	3.0	14.0	3.0
RDW-SD	37.0	6.0	41.5	6.0	45.0	8.0
Plts 10 <sup>9</sup> /l	60	25	240	45	530	65
MPV fl	8.8	3.0	8.8	3.0	8.8	3.0
PCT %	0.05	0.05	0.21	0.10	0.46	0.20
PCT ml/l	0.50	0.50	2.10	1.00	4.60	2.00
PDW fl	15.7	3.0	16.1	3.0	16.0	3.0
LYMP %	59.0	11.0	30.0	8.0	13.5	8.0
MONO %	10.0	7.0	7.5	7.0	5.5	5.0
GRAN %	31.0	8.0	62.5	9.0	81.0	9.0
LYMP #	1.1	0.3	2.4	0.7	2.9	1.8
MONO #	0.2	0.2	0.6	0.6	1.2	1.1
GRAN #	0.6	0.2	5.1	0.8	17.4	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	1.9	0.5	7.8	1.0	20.6	2.5
RBC 10 <sup>12</sup> /l	2.40	0.18	4.67	0.24	5.64	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 %	18.0	1.5	40.2	2.0	53.6	2.4
Hct l/l	0.180	0.015	0.402	0.020	0.536	0.024
MCV fl	75.0	5.0	86.0	5.0	95.0	5.0
MCH pg	25.8	2.5	29.8	2.5	33.7	2.5
MCH fmol	1.60	0.20	1.85	0.20	2.09	0.20
MCHC g/dl	34.4	3.0	34.6	3.0	33.5	3.0
MCHC mmol/l	21.4	2.0	21.5	2.0	22.0	2.0
RDW-CV	16.2	3.0	15.5	3.0	15.0	3.0
RDW-SD	41.0	6.0	42.5	6.0	47.0	8.0
Plts 10 <sup>9</sup> /l	68	25	246	45	488	65
MPV fl	9.4	3.0	9.3	9.3	9.3	3.0
PCT %	0.06	0.05	0.22	0.10	0.45	0.20
PCT ml/l	0.60	0.50	2.20	1.00	4.50	2.00
PDW fl	15.0	3.0	14.9	3.0	14.7	3.0
LYMP %	62.5	10.0	32.0	8.0	14.5	7.0
MONO %	8.0	7.0	6.5	5.0	4.5	4.5
GRAN %	29.5	9.0	61.5	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	0.4	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 <sup>9</sup> /l	1.9	0.5	7.9	1.0	20.3	2.5
RBC 10 <sup>12</sup> /l	2.50	0.18	4.80	0.24	5.78	0.30
Hb g/dl	6.1	0.4	13.8	0.6	18.6	0.8
Hb mmol/l	3.8	0.3	8.6	0.4	11.5	0.5
Hct %	18.9	1.5	42.0	2.0	56.1	2.4
Hct l/l	0.189	0.015	0.420	0.020	0.561	0.024
MCV fl	75.5	5.0	87.5	5.0	97.0	5.0
MCH pg	24.4	2.5	28.8	2.5	32.2	2.5
MCH fmol	1.51	0.20	1.78	0.20	2.00	0.20
MCHC g/dl	32.3	3.0	32.9	3.0	33.2	3.0
MCHC mmol/l	20.0	2.0	20.4	2.0	20.6	2.0
RDW-CV	15.8	3.0	14.5	3.0	14.0	3.0
RDW-SD	39.5	6.0	41.0	6.0	44.5	8.0
Plts 10 <sup>9</sup> /l	73	20	250	40	500	60
MPV fl	8.6	3.0	8.1	3.0	8.3	3.0
PCT %	0.06	0.05	0.20	0.10	0.42	0.20
PCT ml/l	0.60	0.50	2.00	1.00	4.20	2.00
PDW fl	16.2	3.0	15.7	3.0	15.6	3.0
LYMP %	58.0	12.0	30.5	8.0	14.5	7.0
MONO %	10.5	9.0	8.0	7.0	5.5	5.0
GRAN %	31.5	9.0	61.5	8.0	80.0	8.0
LYMP #	1.1	0.3	2.4	0.7	2.9	1.5
MONO #	0.2	0.2	0.6	0.6	1.1	1.0
GRAN #	0.6	0.2	4.9	0.7	16.2	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	2.0	0.5	7.8	1.0	19.3	2.5
RBC 10 <sup>12</sup> /l	2.25	0.18	4.55	0.24	5.52	0.30
Hb g/dl **	6.3	0.4	14.6	0.6	19.6	0.8
Hb mmol/l **	3.9	0.3	9.1	0.4	12.2	0.5
Hct %	18.3	1.5	41.2	2.0	54.4	2.4
Hct l/l	0.183	0.015	0.412	0.020	0.544	0.024
MCV fl	81.5	5.0	90.5	5.0	98.5	5.0
MCH pg **	28.0	2.5	32.1	2.5	35.5	2.5
MCH fmol **	1.74	0.20	1.99	0.20	2.20	0.20
MCHC g/dl **	34.4	3.0	35.5	3.0	36.0	3.0
MCHC mmol/l **	21.3	2.0	22.0	2.0	22.4	2.0
RDW-CV	15.7	3.0	15.5	3.0	15.3	3.0
RDW-SD	45.7	6.0	50.1	6.0	53.8	8.0
Plts 10 <sup>9</sup> /l	77	20	239	40	458	60
MPV fl	8.3	3.0	8.1	3.0	8.3	3.0
LYMP %	53.8	12.0	27.9	8.0	12.8	7.0
MONO %	13.3	9.0	7.6	7.6	5.9	5.9
GRAN %	32.9	9.0	64.5	8.0	81.3	8.0
LYMP #	1.1	0.3	2.2	0.7	2.5	1.5
MONO #	0.3	0.3	0.6	0.6	1.1	1.1
GRAN #	0.7	0.2	5.0	0.7	15.7	1.7

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

Hb g/dl	6.0	0.4	13.6	0.6	18.3	0.8
Hb mmol/l	3.7	0.3	8.4	0.4	11.4	0.5
MCH pg	26.7	2.5	29.9	2.5	33.2	2.5
MCH fmol	1.65	0.20	1.85	0.20	2.06	0.20
MCHC g/dl	32.7	3.0	33.0	3.0	33.7	3.0
MCHC mmol/l	20.3	2.0	20.5	2.0	20.9	2.0

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1.9	0.6	8.0	1.2	21.0	2.8
RBC 10 <sup>12</sup> /l	2.36	0.20	4.54	0.28	5.48	0.35
Hb g/dl	6.1	0.5	13.7	0.8	18.4	1.0
Hb mmol/l	3.8	0.3	8.5	0.4	11.4	0.5
Hct %	17.0	1.5	38.1	2.0	51.2	2.4
Hct l/l	0.170	0.015	0.381	0.020	0.512	0.024
MCV fl	72.0	5.0	84.0	5.0	93.5	5.0
MCH pg	25.8	2.5	30.2	2.5	33.6	2.5
MCH fmol	1.60	0.20	1.87	0.20	2.08	0.20
MCHC g/dl	35.9	3.0	35.9	3.0	35.9	3.0
MCHC mmol/l	22.3	2.0	22.3	2.0	22.3	2.0
RDW-CV	14.0	3.0	13.0	3.0	12.5	3.0
RDW-SD	32.5	8.0	34.5	8.0	37.0	8.0
Plts 10 <sup>9</sup> /l	62	30	230	55	510	70
MPV fl	10.0	3.0	10.0	3.0	10.0	3.0
PCT %	0.05	0.05	0.22	0.10	0.54	0.20
PCT ml/l	0.50	0.50	2.20	1.00	5.40	2.00
PDW fl	14.9	3.0	15.0	3.0	15.0	3.0
LYMP %	59.0	10.0	31.0	8.0	15.0	8.0
MONO %	9.0	8.0	7.0	6.5	5.0	4.5
GRAN %	32.0	9.0	62.0	10.0	80.0	9.0
LYMP #	1.1	0.3	2.5	0.7	3.2	1.8
MONO #	0.2	0.2	0.6	0.6	1.1	1.0
GRAN #	0.6	0.2	5.0	0.9	16.8	1.9