

REF : 3433-3434-3435-3466-3467-3468-3502-3503-3504

LOT : 214

EXP : 2016-02-19

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	2.2	0.4	8.1	0.8	20.7	2.0
RBC 10 <sup>12</sup> /l	2.35	0.15	4.50	0.20	5.66	0.25
Hb g/dl	5.8	0.4	13.4	0.5	18.3	0.6
Hb mmol/l	3.6	0.3	8.3	0.4	11.4	0.5
Hct %	17.3	1.5	38.9	2.4	52.7	3.0
Hct fl	0.173	0.015	0.389	0.024	0.527	0.030
MCV fl	73.6	4.0	86.4	4.0	93.1	4.0
MCH pg	24.8	2.4	29.8	2.8	32.4	2.8
MCH fmol	1.54	0.16	1.85	0.17	2.01	0.19
MCHC g/dl	33.7	3.0	34.5	3.0	34.8	3.0
MCHC mmol/l	20.9	2.0	21.4	2.0	21.6	2.0
RDW %	16.5	3.0	15.6	3.0	15.0	3.0
Ptts 10 <sup>9</sup> /l	57	20	245	35	530	60
MPV fl	8.1	2.0	8.4	2.0	8.5	2.0
PDW %	17.2	3.0	16.4	3.0	16.8	3.0
LYMP %	57.7	6.0	31.9	4.0	16.2	4.0
MONO %	11.3	11.3	7.4	7.4	5.0	5.0
GRAN %	31.0	5.0	60.7	5.0	78.8	5.0
LYMP #	1.3	0.2	2.6	0.4	3.4	0.9
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
GRAN #	0.7	0.2	4.9	0.4	16.3	1.1

ABX Roche: Micros 60, Micros ES 60; Bayer: Advia 60

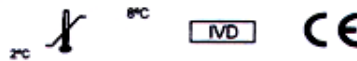
Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.3	0.4	7.6	0.8	19.2	2.0
RBC 10 <sup>12</sup> /l	2.36	0.15	4.46	0.20	5.65	0.25
Hb g/dl	5.5	0.4	13.4	0.5	18.3	0.6
Hb mmol/l	3.4	0.3	8.3	0.4	11.3	0.5
Hct %	16.1	1.5	37.5	2.4	52.1	3.0
Hct fl	0.161	0.015	0.375	0.024	0.521	0.030
MCV fl	68.3	4.0	83.9	4.0	92.1	4.0
MCH pg	23.5	2.4	30.0	2.8	32.3	2.8
MCH fmol	1.46	0.16	1.86	0.17	2.00	0.19
MCHC g/dl	34.3	3.0	35.7	3.0	35.0	3.0
MCHC mmol/l	21.3	2.0	22.2	2.0	21.8	2.0
RDW %	15.1	3.0	16.0	3.0	15.4	3.0
Ptts 10 <sup>9</sup> /l	62	20	242	35	495	60
MPV fl	7.7	2.0	8.0	2.0	8.0	2.0
LYMP %	49.9	6.0	28.3	4.0	14.8	4.0
MONO %	10.8	10.8	7.3	7.3	3.9	3.9
GRAN %	39.3	5.0	64.4	5.0	81.3	5.0
LYMP #	1.1	0.2	2.2	0.4	2.8	0.9
MONO #	0.2	0.2	0.6	0.6	0.8	0.8
GRAN #	0.9	0.2	4.9	0.4	15.6	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	2.4	0.4	7.8	0.8	18.6	2.0
RBC 10 <sup>12</sup> /l	2.38	0.15	4.46	0.20	5.65	0.25
Hb g/dl	5.7	0.4	13.2	0.5	18.1	0.6
Hb mmol/l	3.6	0.3	8.2	0.4	11.2	0.5
Hct %	17.5	1.5	39.0	2.4	52.2	3.0
Hct fl	0.175	0.015	0.390	0.024	0.522	0.030
MCV fl	73.6	4.0	87.4	4.0	94.1	4.0
MCH pg	24.1	2.4	29.6	2.8	32.6	2.8
MCH fmol	1.49	0.16	1.84	0.17	2.03	0.19
MCHC g/dl	32.7	3.0	33.9	3.0	34.7	3.0
MCHC mmol/l	20.3	2.0	21.0	2.0	21.5	2.0
Ptts 10 <sup>9</sup> /l	53	20	240	35	517	60
MPV fl	9.0	2.0	8.9	2.0	8.7	2.0
LYMP %	57.7	6.0	31.9	4.0	16.2	4.0
MID %	11.3	11.3	7.4	7.4	5.0	5.0
GRAN %	31.0	5.0	60.7	5.0	78.8	5.0
LYMP #	1.4	0.2	2.5	0.4	3.0	0.9
MID #	0.3	0.3	0.6	0.6	0.9	0.9
GRAN #	0.7	0.2	4.7	0.4	14.7	1.1

AVL (Contraves): AVL - 816

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	62.4	6.0	38.0	4.0	19.2	4.0
MONO %	10.4	10.4	8.4	8.4	6.4	6.4
GRAN %	27.3	5.0	53.6	5.0	74.3	5.0
LYMP #	1.4	0.2	3.1	0.4	4.0	0.9
MONO #	0.2	0.2	0.7	0.7	1.3	1.3
GRAN #	0.6	0.2	4.3	0.4	15.4	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	2.2	0.4	8.1	0.8	20.6	2.0
RBC 10 <sup>12</sup> /l	2.35	0.15	4.50	0.20	5.66	0.25
Hb g/dl	5.8	0.4	13.4	0.5	18.3	0.6
Hb mmol/l	3.6	0.3	8.3	0.4	11.4	0.5
Hct %	17.3	1.5	39.3	2.4	53.3	3.0
Hct fl	0.173	0.015	0.393	0.024	0.533	0.030
MCV fl	73.6	4.0	87.4	4.0	94.1	4.0
MCH pg	24.8	2.4	29.8	2.8	32.4	2.8
MCH fmol	1.54	0.16	1.85	0.17	2.01	0.19
MCHC g/dl	33.7	3.0	34.1	3.0	34.4	3.0
MCHC mmol/l	20.9	2.0	21.1	2.0	21.3	2.0
RDW %	16.5	3.0	15.6	3.0	15.0	3.0
Ptts 10 <sup>9</sup> /l	57	20	243	35	528	60
MPV fl	8.1	2.0	8.4	2.0	8.5	2.0
LYMP %	59.4	6.0	31.5	4.0	14.9	4.0
MONO %	8.5	8.5	5.8	5.8	4.1	4.1
GRAN %	32.1	5.0	62.7	5.0	81.0	5.0
LYMP #	1.3	0.2	2.6	0.4	3.1	0.9
MONO #	0.2	0.2	0.5	0.5	0.8	0.8
GRAN #	0.7	0.2	5.1	0.4	16.7	1.1

Coulter Counter: AcT 8, AcT 10

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table AcT Diff for CBC parameters						
LYMP %	45.8	6.0	23.4	4.0	10.4	4.0
LYMP #	1.0	0.2	2.0	0.4	2.2	0.8

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	2.2	0.4	8.1	0.8	20.7	2.0
RBC 10 <sup>12</sup> /l	2.33	0.15	4.50	0.20	5.57	0.25
Hb g/dl	5.9	0.4	13.7	0.5	19.1	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.8	0.5
Hct %	17.2	1.5	39.5	2.4	54.6	3.0
Hct fl	0.172	0.015	0.395	0.024	0.546	0.030
MCV fl	73.6	4.0	87.8	4.0	96.0	4.0
MCH pg	25.5	2.4	30.4	2.8	34.2	2.8
MCH fmol	1.58	0.16	1.89	0.17	2.12	0.19
MCHC g/dl	34.7	3.0	34.6	3.0	34.9	3.0
MCHC mmol/l	21.5	2.0	21.5	2.0	21.6	2.0
RDW %	15.4	3.0	15.0	3.0	14.2	3.0
Ptts 10 <sup>9</sup> /l	58	20	249	35	551	60
MPV fl	8.1	2.0	7.3	2.0	6.9	2.0
LYMP %	61.5	8.0	33.2	4.0	19.0	4.0
MONO %	14.1	14.1	8.0	8.0	4.8	4.8
GRAN %	24.4	8.0	58.8	5.0	76.2	5.0
LYMP #	1.4	0.2	2.7	0.4	3.9	0.9
MONO #	0.3	0.3	0.6	0.6	1.0	1.0
GRAN #	0.5	0.4	4.8	0.4	15.8	1.1

Danam/Drew Excel18-MW BT2100, D3; Orphee Mythic18; Abbott Emerald18

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.4	8.1	0.8	19.7	2.0
RBC 10 <sup>12</sup> /l	2.35	0.15	4.50	0.20	5.66	0.25
Hb g/dl	5.6	0.4	13.4	0.5	18.3	0.6
Hb mmol/l	3.5	0.3	8.3	0.4	11.4	0.5
Hct %	16.8	1.5	39.3	2.4	53.5	3.0
Hct fl	0.168	0.015	0.393	0.024	0.535	0.030
MCV fl	71.4	4.0	87.4	4.0	94.5	4.0
MCH pg	24.0	2.4	29.8	2.8	32.4	2.8
MCH fmol	1.49	0.16	1.85	0.17	2.01	0.19
MCHC g/dl	33.6	3.0	34.1	3.0	34.2	3.0
MCHC mmol/l	20.8	2.0	21.1	2.0	21.3	2.0
RDW	14.6	3.0	13.1	3.0	12.5	3.0
Ptts 10 <sup>9</sup> /l	57	20	228	35	492	60
MPV fl	8.1	2.0	8.4	2.0	8.5	2.0
LYMP %	55.7	6.0	28.7	4.0	14.8	4.0
MONO %	10.30	10.23	4.30	4.24	3.00	2.94
GRAN %	34.0	5.0	67.0	5.0	82.2	5.0
LYMP #	1.2	0.2	2.3	0.4	2.9	0.9
MONO #	0.22	0.15	0.35	0.29	0.59	0.53
GRAN #	0.7	0.2	5.4	0.4	16.2	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 %	70.0	6.0	40.0	4.0	20.3	4.0
MONO %	9.1	9.1	7.9	7.9	6.1	6.1
GRAN %	20.9	5.0	52.1	5.0	73.6	5.0
LYMP #	1.5	0.2	3.2	0.4	4.2	0.9
MONO #	0.2	0.2	0.6	0.6	1.3	1.3
GRAN #	0.5	0.2	4.2	0.4	15.2	1.1





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

LOT : 214  
: 2016-02-19

Diatron<sup>™</sup>: Abacus, Abacus 3, Abacus Junior, Arcus; Erba: Elite 3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2,0	0,5	8,1	0,8	21,1	2,0
RBC 10 <sup>12</sup> /l	2,40	0,15	4,61	0,20	5,94	0,25
Hb g/dl	5,9	0,4	13,6	0,5	18,9	0,6
Hb mmol/l	3,7	0,3	8,4	0,4	11,7	0,5
Hct %	18,0	1,5	41,4	2,4	58,1	3,0
Hct l/l	0,180	0,015	0,414	0,024	0,581	0,030
MCV fl	75,1	5,0	89,8	5,0	97,8	5,0
MCH pg	24,6	2,4	29,5	2,8	31,8	2,8
MCH fmol	1,52	0,16	1,83	0,17	1,97	0,19
MCHC g/dl	32,7	3,0	32,8	3,0	32,5	3,0
MCHC mmol/l	20,3	2,0	20,4	2,0	20,2	2,0
RDW-SD fl	55,3	5,0	60,4	5,0	63,8	5,0
RDW-CV %	16,2	3,0	14,8	3,0	14,4	3,0
Pts 10 <sup>9</sup> /l	57	20	245	35	510	60
MPV fl	8,1	2,0	8,7	2,0	8,9	2,0
PCT %	0,05	0,02	0,21	0,06	0,45	0,10
PCT ml/l	0,46	0,20	2,14	0,30	4,55	0,40
PDW-SD fl	12,3	2,5	12,7	2,5	13,5	2,5
PDW-CV %	35,3	5,0	36,9	5,0	38,4	5,0
LYMP %	53,7	6,0	29,9	4,0	12,9	4,0
MONO %	9,1	9,1	6,8	6,8	6,4	6,4
GRAN %	37,1	6,0	63,3	5,0	80,7	6,0
LYMP #	1,1	0,3	2,4	0,4	2,7	0,9
MONO #	0,3	0,3	0,6	0,6	1,4	1,4
GRAN #	0,7	0,2	5,1	0,4	17,0	1,1

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

Avantor BeneSpheres<sup>™</sup> H32

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2,0	0,4	8,1	0,8	20,1	2,0
RBC 10 <sup>12</sup> /l	2,35	0,15	4,40	0,20	5,46	0,25
Hb g/dl	5,8	0,4	13,7	0,5	19,4	0,6
Hb mmol/l	3,6	0,3	8,3	0,4	12,1	0,5
Hct %	17,3	1,5	39,3	2,4	53,3	3,0
Hct l/l	0,173	0,015	0,393	0,024	0,533	0,030
MCV fl	75,6	4,0	87,4	4,0	95,1	4,0
MCH pg	24,8	2,4	31,1	2,8	35,6	2,8
MCH fmol	1,54	0,2	1,89	0,2	2,21	0,2
MCHC g/dl	33,7	3,0	34,8	3,0	36,5	3,0
MCHC mmol/l	20,9	2,0	21,1	2,0	22,6	2,0
RDW-SD fl	12,2	3,0	11,4	3,0	11,0	3,0
RDW-CV %	35,0	5,0	40,8	5,0	43,8	5,0
Pts 10 <sup>9</sup> /l	49	20	233	35	528	60
MPV fl	10,0	2,0	9,7	2,0	9,5	2,0
PCT %	0,05	0,02	0,23	0,06	0,50	0,10
PCT ml/l	0,49	0,20	2,26	0,30	5,01	0,40
PDW %	9,0	3,0	12,1	3,0	12,8	3,0
LYMP %	52,4	8,0	27,8	5,0	12,4	4,0
MONO %	14,8	14,8	8,3	8,3	7,0	7,0
GRAN %	32,8	6,0	63,9	8,0	80,6	8,0
LYMP #	1,0	0,2	2,3	0,4	2,5	0,9
MONO #	0,3	0,3	0,7	0,7	1,4	1,4
GRAN #	0,7	0,2	5,2	0,8	16,2	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	1,9	0,4	8,1	0,8	20,2	2,0
RBC 10 <sup>12</sup> /l	2,35	0,15	4,64	0,20	5,51	0,25
Hb g/dl	5,8	0,4	13,4	0,5	18,3	0,6
Hb mmol/l	3,6	0,3	8,3	0,4	11,4	0,5
Hct %	17,3	1,5	41,3	2,4	55,6	3,0
Hct l/l	0,173	0,015	0,413	0,024	0,556	0,030
MCV fl	73,6	4,0	89,1	4,0	100,9	4,0
MCH pg	24,8	2,4	28,9	2,8	33,2	2,8
MCH fmol	1,54	0,16	1,79	0,17	2,06	0,19
MCHC g/dl	33,7	3,0	32,4	3,0	32,9	3,0
MCHC mmol/l	20,9	2,0	20,1	2,0	20,4	2,0
RDW %	16,5	3,0	15,6	3,0	15,0	3,0
Pts 10 <sup>9</sup> /l	67	20	239	35	482	60
MPV fl	8,1	2,0	8,4	2,0	8,5	2,0
PDW %	17,2	3,0	16,4	3,0	16,8	3,0
LYMP %	57,4	9,0	31,9	4,0	16,2	4,0
MONO %	8,0	8,0	7,4	7,4	5,0	5,0
GRAN %	34,6	5,0	60,7	9,0	78,8	10,0
LYMP #	1,1	0,2	2,6	0,4	3,3	0,9
MONO #	0,3	0,3	0,6	0,6	1,0	1,0
GRAN #	0,7	0,2	4,9	0,4	15,9	1,1

Medonic CA530, CA620

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1,9	0,4	7,0	0,8	16,3	2,0
RBC 10 <sup>12</sup> /l	2,32	0,15	4,47	0,20	5,58	0,25
Hb g/dl	5,9	0,4	13,4	0,5	18,3	0,6
Hb mmol/l	3,7	0,3	8,3	0,4	11,4	0,5
Hct %	16,0	1,5	36,8	2,4	49,9	3,0
Hct l/l	0,160	0,015	0,368	0,024	0,499	0,030
MCV fl	68,9	4,0	82,3	4,0	89,4	4,0
MCH pg	25,6	2,4	30,0	2,8	32,8	2,8
MCH fmol	1,59	0,16	1,86	0,17	2,04	0,19
MCHC g/dl	37,1	3,0	36,4	3,0	36,7	3,0
MCHC mmol/l	23,0	2,0	22,6	2,0	22,8	2,0
RDW %	14,6	3,0	16,9	3,0	16,9	3,0
Pts 10 <sup>9</sup> /l	56	20	231	35	471	60
MPV fl	7,6	2,0	8,1	2,0	8,2	2,0
LYMP %	64,4	9,0	36,7	6,0	19,3	4,0
MONO %	9,1	9,1	9,3	9,3	7,7	7,7
GRAN %	26,5	5,0	54,0	9,0	73,0	10,0
LYMP #	1,2	0,2	2,6	0,4	3,1	0,9
MONO #	0,2	0,2	0,7	0,7	1,3	1,3
GRAN #	0,5	0,2	3,8	0,4	11,9	1,1

Inmesco HM1060; Rayto RT-7600; HTI Micros CC 20 Plus

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2,0	0,4	8,1	0,8	20,1	2,0
RBC 10 <sup>12</sup> /l	2,35	0,15	4,40	0,20	5,46	0,25
Hb g/dl	5,8	0,4	13,7	0,5	19,4	0,6
Hb mmol/l	3,6	0,3	8,3	0,4	12,1	0,5
Hct %	17,3	1,5	39,3	2,4	53,3	3,0
Hct l/l	0,173	0,015	0,393	0,024	0,533	0,030
MCV fl	75,6	4,0	87,4	4,0	95,1	4,0
MCH pg	24,8	2,4	31,1	2,8	35,6	2,8
MCH fmol	1,54	0,2	1,89	0,2	2,21	0,2
MCHC g/dl	33,7	3,0	34,8	3,0	36,5	3,0
MCHC mmol/l	20,9	2,0	21,1	2,0	22,6	2,0
RDW-CV %	12,2	3,0	11,4	3,0	11,0	3,0
RDW-SD fl	35,0	5,0	40,8	5,0	43,8	5,0
Pts 10 <sup>9</sup> /l	49	20	233	35	528	60
MPV fl	10,0	2,0	9,7	2,0	9,5	2,0
PCT %	0,05	0,02	0,23	0,06	0,50	0,10
PCT ml/l	0,49	0,20	2,26	0,30	5,01	0,40
PDW %	9,0	3,0	12,1	3,0	12,8	3,0
LYMP %	52,4	8,0	27,8	5,0	12,4	4,0
MONO %	14,8	14,8	8,3	8,3	7,0	7,0
GRAN %	32,8	6,0	63,9	8,0	80,6	8,0
LYMP #	1,0	0,2	2,3	0,4	2,5	0,9
MONO #	0,3	0,3	0,7	0,7	1,4	1,4
GRAN #	0,7	0,2	5,2	0,8	16,2	1,1

Urit 2900 Plus

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1,9	0,4	8,1	0,8	22,1	2,0
RBC 10 <sup>12</sup> /l	2,35	0,15	4,62	0,20	5,86	0,25
Hb g/dl	5,7	0,4	13,1	0,5	17,3	0,6
Hb mmol/l	3,6	0,3	8,1	0,4	10,7	0,5
Hct %	16,7	1,5	37,6	2,4	49,3	3,0
Hct l/l	0,167	0,015	0,376	0,024	0,493	0,030
MCV fl	71,1	4,0	81,4	4,0	84,1	4,0
MCH pg	24,4	2,4	28,4	2,8	29,6	2,8
MCH fmol	1,51	0,2	1,76	0,2	1,83	0,2
MCHC g/dl	34,3	3,0	34,8	3,0	35,1	3,0
MCHC mmol/l	21,3	2,0	21,6	2,0	21,8	2,0
RDW-CV %	15,0	3,0	14,6	3,0	14,7	3,0
RDW-SD fl	21,0	5,0	30,8	5,0	43,8	5,0
Pts 10 <sup>9</sup> /l	56	20	225	35	408	60
MPV fl	17,0	2,0	13,6	2,0	12,9	2,0
PCT %	0,10	0,02	0,31	0,06	0,53	0,10
PCT ml/l	0,95	0,20	3,05	0,30	5,26	0,40
PDW %	13,5	3,0	13,8	3,0	14,3	3,0
LYMP %	57,4	8,0	30,0	5,0	13,2	4,0
MONO %	8,0	8,0	5,1	5,1	4,3	4,3
GRAN %	34,6	6,0	64,9	8,0	82,5	8,0
LYMP #	1,1	0,2	2,4	0,4	2,9	0,9
MONO #	0,2	0,2	0,4	0,4	1,0	1,0
GRAN #	0,7	0,2	5,3	0,8	18,2	1,1



LOT : 214  
: 2016-02-19

Mindray BC-3200, BC-3000CT

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.5	8.4	1.0	21.4	2.5
RBC 10 <sup>12</sup> /l	2.42	0.18	4.63	0.24	5.85	0.30
Hb g/dl	5.9	0.4	13.7	0.6	19.2	0.8
Hb mmol/l	3.7	0.3	8.5	0.4	11.9	0.5
Hct %	17.9	1.5	41.0	2.0	56.5	2.4
Hct l/l	0.179	0.015	0.410	0.020	0.565	0.024
MCV fl	74.0	5.0	88.5	5.0	96.5	5.0
MCH pg	24.4	2.5	29.6	2.5	32.8	2.5
MCH fmol	1.51	0.16	1.84	0.17	2.04	0.19
MCHC g/dl	32.9	3.0	33.4	3.0	34.0	3.0
MCHC mmol/l	20.5	2.0	20.7	2.0	21.1	2.0
RDW-CV	14.5	3.0	13.5	3.0	13.0	3.0
RDW-SD	36.5	6.0	39.5	6.0	41.0	8.0
Ptts 10 <sup>9</sup> /l	67	20	250	40	527	60
MPV fl	8.4	3.0	8.2	3.0	8.0	3.0
LYMP %	55.5	12.0	28.0	8.0	13.0	6.0
MONO %	11.0	9.0	8.0	7.0	6.0	5.0
GRAN %	33.5	10.0	64.0	8.0	81.0	8.0
LYMP #	1.2	0.3	2.4	0.7	2.8	1.3
MONO #	0.2	0.2	0.7	0.7	1.3	1.1
GRAN #	0.7	0.3	5.4	0.7	17.3	1.8

Mindray BC-2800, BC-2600, BC-2800Ver\*, BC-2600Ver\* (\*SW version 2.0 or higher)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.5	8.1	1.0	20.9	2.5
RBC 10 <sup>12</sup> /l	2.34	0.18	4.52	0.24	5.77	0.30
Hb g/dl	5.8	0.4	13.6	0.6	19.2	0.8
Hb mmol/l	3.6	0.3	8.4	0.4	11.9	0.5
Hct %	17.2	1.5	39.6	2.0	54.5	2.4
Hct l/l	0.172	0.015	0.396	0.020	0.545	0.024
MCV fl	73.5	5.0	87.5	5.0	94.5	5.0
MCH pg	25.2	2.5	30.1	2.5	33.3	2.5
MCH fmol	1.54	0.16	1.87	0.17	2.07	0.19
MCHC g/dl	34.3	3.0	34.4	3.0	35.2	3.0
MCHC mmol/l	20.9	2.0	21.3	2.0	21.9	2.0
RDW-CV	16.8	3.0	15.6	3.0	15.3	3.0
RDW-SD	41.0	6.0	46.0	6.0	48.0	8.0
Ptts 10 <sup>9</sup> /l	64	20	245	40	515	60
MPV fl	9.3	3.0	9.7	3.0	9.5	3.0
PCT %	0.06	0.05	0.23	0.10	0.48	0.20
PCT ml/l	0.60	0.50	2.30	1.00	4.80	2.00
PDW fl	14.5	3.0	14.9	3.0	14.8	3.0
LYMP %	58.5	10.0	29.7	8.0	14.3	7.0
MONO %	9.0	6.0	7.0	6.0	4.7	4.0
GRAN %	32.5	9.0	63.3	9.0	81.0	8.0
LYMP #	1.2	0.3	2.4	0.7	3.0	1.5
MONO #	0.2	0.2	0.6	0.6	1.0	0.9
GRAN #	0.7	0.3	5.1	0.8	16.9	1.7

Mindray BC-3600, BC-3300

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	7.8	1.0	20.3	2.5
RBC 10 <sup>12</sup> /l	2.45	0.18	4.66	0.24	5.93	0.30
Hb g/dl	6.1	0.4	13.5	0.6	19.1	0.8
Hb mmol/l	3.8	0.3	8.4	0.4	11.9	0.5
Hct %	18.3	1.5	40.1	2.0	55.4	2.4
Hct l/l	0.183	0.015	0.401	0.020	0.554	0.024
MCV fl	74.5	5.0	86.0	5.0	93.5	5.0
MCH pg	24.9	2.5	29.0	2.5	32.2	2.5
MCH fmol	1.55	0.16	1.80	0.17	2.00	0.19
MCHC g/dl	33.4	3.0	33.7	3.0	34.4	3.0
MCHC mmol/l	20.7	2.0	20.9	2.0	21.4	2.0
RDW-CV	16.0	3.0	15.5	3.0	14.5	3.0
RDW-SD	35.0	6.0	41.0	6.0	44.5	8.0
Ptts 10 <sup>9</sup> /l	62	20	254	40	560	60
MPV fl	8.9	3.0	9.0	3.0	8.8	3.0
PCT %	0.05	0.05	0.23	0.10	0.48	0.20
PCT ml/l	0.50	0.50	2.30	1.00	4.80	2.00
PDW fl	15.1	3.0	15.5	3.0	15.7	3.0
P-LCC	18.0	10.0	79.0	22.0	160.0	30.0
P-LCR	30.0	9.0	29.5	9.0	28.5	9.0
LYMP %	55.5	9.0	28.5	8.0	13.2	8.0
MONO %	12.5	8.0	8.5	6.0	6.5	4.0
GRAN %	32.0	9.0	63.0	8.0	80.3	8.0
LYMP #	1.1	0.3	2.2	0.7	2.7	1.7
MONO #	0.3	0.2	0.7	0.5	1.3	0.9
GRAN #	0.6	0.3	4.9	0.7	16.3	1.7

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.1	0.5	8.3	1.0	21.1	2.5
RBC 10 <sup>12</sup> /l	2.45	0.18	4.66	0.24	5.92	0.30
Hb g/dl	5.9	0.4	13.6	0.6	19.1	0.8
Hb mmol/l	3.7	0.3	8.4	0.4	11.9	0.5
Hct %	18.4	1.5	41.0	2.0	56.5	2.4
Hct l/l	0.184	0.015	0.410	0.020	0.565	0.024
MCV fl	75.0	5.0	88.0	5.0	96.5	5.0
MCH pg	24.1	2.5	29.2	2.5	32.3	2.5
MCH fmol	1.49	0.16	1.81	0.17	2.00	0.19
MCHC g/dl	32.1	3.0	33.2	3.0	33.8	3.0
MCHC mmol/l	19.9	2.0	20.6	2.0	21.0	2.0
RDW-CV	16.0	3.0	15.5	3.0	15.0	3.0
RDW-SD	35.5	6.0	39.0	6.0	41.0	8.0
Ptts 10 <sup>9</sup> /l	70	20	252	40	535	60
MPV fl	8.8	3.0	8.2	3.0	7.7	3.0
PCT %	0.06	0.05	0.20	0.10	0.41	0.20
PCT ml/l	0.60	0.50	2.00	1.00	4.10	2.00
PDW fl	16.8	3.0	16.2	3.0	16.1	3.0
LYMP %	56.0	12.0	27.0	8.0	13.0	6.0
MONO %	11.0	8.0	8.5	7.0	6.5	5.0
GRAN %	33.0	9.0	64.5	8.0	80.5	8.0
LYMP #	1.2	0.3	2.2	0.7	2.7	1.3
MONO #	0.2	0.2	0.7	0.6	1.4	1.1
GRAN #	0.7	0.3	5.4	0.7	17.0	1.7

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.2	0.5	8.1	1.0	19.5	2.5
RBC 10 <sup>12</sup> /l	2.20	0.18	4.33	0.24	5.60	0.30
Hb g/dl **	6.0	0.4	14.3	0.6	19.7	0.8
Hb mmol/l **	3.7	0.3	8.9	0.4	12.2	0.5
Hct %	17.5	1.5	40.0	2.0	54.9	2.4
Hct l/l	0.175	0.015	0.400	0.020	0.549	0.024
MCV fl	79.6	5.0	92.4	5.0	98.1	5.0
MCH pg **	27.4	2.5	33.0	2.5	35.2	2.5
MCH fmol **	1.70	0.16	2.05	0.17	2.19	0.90
MCHC g/dl **	34.4	3.0	35.8	3.0	35.9	3.0
MCHC mmol/l **	21.4	2.0	22.2	2.0	22.3	2.0
RDW-CV	15.3	3.0	14.9	3.0	14.8	3.0
RDW-SD	43.5	6.0	49.0	6.0	51.7	8.0
Ptts 10 <sup>9</sup> /l	64	20	227	40	486	60
MPV fl	8.8	3.0	9.2	3.0	9.0	3.0
LYMP %	57.7	12.0	28.9	8.0	13.7	6.0
MONO %	11.3	11.3	7.4	7.4	5.0	5.0
GRAN %	31.0	9.0	63.7	8.0	81.3	8.0
LYMP #	1.3	0.3	2.3	0.7	2.7	1.3
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
GRAN #	0.7	0.3	5.2	0.7	15.9	1.7

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

Hb g/dl	5.7	0.4	13.3	0.6	18.4	0.8
Hb mmol/l	3.6	0.3	8.3	0.4	11.4	0.5
MCH pg	26.0	2.5	30.7	2.5	32.9	2.5
MCH fmol	1.62	0.16	1.91	0.17	2.04	0.90
MCHC g/dl	32.7	3.0	33.3	3.0	33.5	3.0
MCHC mmol/l	20.3	2.0	20.6	2.0	20.8	2.0

Mindray BC-2300, BC-2100

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	8.2	1.0	21.3	2.5
RBC 10 <sup>12</sup> /l	2.34	0.18	4.51	0.24	5.62	0.30
Hb g/dl	6.1	0.4	13.7	0.6	18.9	0.8
Hb mmol/l	3.8	0.3	8.5	0.4	11.7	0.5
Hct %	16.7	1.5	38.9	2.0	52.5	2.4
Hct l/l	0.167	0.015	0.389	0.020	0.525	0.024
MCV fl	71.5	5.0	86.3	5.0	93.4	5.0
MCH pg	26.0	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	36.3	3.0	35.3	3.0	35.9	3.0
MCHC mmol/l	22.5	1.9	21.9	1.9	22.3	1.9
RDW-CV	14.5	3.0	13.5	3.0	12.9	3.0
RDW-SD	34.5	6.0	38.4	6.0	39.3	8.0
Ptts 10 <sup>9</sup> /l	53	20	238	40	538	60
MPV fl	10.5	3.0	10.5	3.0	10.5	3.0
PCT %	0.06	0.06	0.25	0.10	0.56	0.20
PCT ml/l	0.56	0.56	2.49	1.00	5.62	2.00
PDW fl	14.4	3.0	14.8	3.0	15.7	3.0
LYMP %	57.0	10.0	30.9	8.0	14.4	7.0
MONO %	10.4	10.4	7.8	7.8	7.0	7.0
GRAN %	32.6	9.0	61.3	9.0	78.7	8.0
LYMP #	1.1	0.2	2.5	0.7	3.1	1.5
MONO #	0.2	0.2	0.6	0.6	1.5	1.5
GRAN #	0.7	0.2	5.0	0.7	16.8	1.7