



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

LOT : 209

: 2014-11-19

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

MELET MSS9 NOTE : Please refer to next page for Erma Values

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	7.8	0.8	20.7	2.0
RBC 10 ¹² /l	2.31	0.15	4.54	0.20	5.56	0.24
Hb g/dl	5.9	0.4	13.7	0.5	18.1	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.2	0.5
Hct %	17.6	1.5	39.2	2.4	51.5	3.0
Hct l/l	0.176	0.015	0.392	0.024	0.515	0.030
MCV fl	76.1	4.0	86.4	4.0	92.6	4.0
MCH pg	25.7	2.4	30.2	2.8	32.6	2.8
MCH fmol	1.59	0.16	1.87	0.17	2.02	0.19
MCHC g/dl	33.7	3.0	34.9	3.0	35.2	3.0
MCHC mmol/l	20.9	2.0	21.7	2.0	21.8	2.0
RDW %	15.8	3.0	16.1	3.0	15.2	3.0
Plts 10 ⁹ /l	75	20	260	35	518	60
MPV fl	8.5	2.0	8.7	2.0	8.5	2.0
PDW %	17.5	3.0	16.4	3.0	17.0	3.0
LYMP %	61.2	6.0	32.9	4.0	16.7	4.0
MONO %	10.8	4.0	7.9	6.3	5.0	3.0
GRAN %	28.0	5.0	59.2	5.0	78.3	5.0
LYMP #	1.3	0.2	2.6	0.4	3.5	0.9
MONO #	0.2	0.2	0.6	0.5	1.0	0.8
GRAN #	0.6	0.2	4.6	0.4	16.2	1.1

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.3	0.4	7.3	0.8	19.2	2.0
RBC 10 ¹² /l	2.32	0.15	4.50	0.20	5.55	0.24
Hb g/dl	5.6	0.4	13.7	0.5	18.1	0.6
Hb mmol/l	3.5	0.3	8.5	0.4	11.2	0.5
Hct %	16.4	1.5	37.8	2.4	50.9	3.0
Hct l/l	0.164	0.015	0.378	0.024	0.509	0.030
MCV fl	70.6	4.0	83.9	4.0	91.6	4.0
MCH pg	24.3	2.4	30.4	2.8	32.5	2.8
MCH fmol	1.51	0.16	1.89	0.17	2.02	0.19
MCHC g/dl	34.4	3.0	36.2	3.0	35.5	3.0
MCHC mmol/l	21.3	2.0	22.5	2.0	22.0	2.0
RDW %	14.4	3.0	16.5	3.0	15.6	3.0
Plts 10 ⁹ /l	82	20	257	35	484	60
MPV fl	8.1	2.0	8.3	2.0	8.0	2.0
LYMP %	53.0	6.0	29.2	4.0	15.2	4.0
MONO %	10.3	4.0	7.8	6.3	3.9	3.0
GRAN %	36.8	5.0	63.0	5.0	80.9	5.0
LYMP #	1.2	0.2	2.1	0.4	2.9	0.9
MONO #	0.2	0.2	0.6	0.6	0.8	0.8
GRAN #	0.8	0.2	4.6	0.4	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 ⁹ /l	2.4	0.4	7.5	0.8	18.6	2.0
RBC 10 ¹² /l	2.34	0.15	4.50	0.20	5.45	0.24
Hb g/dl	5.8	0.4	13.5	0.5	17.9	0.6
Hb mmol/l	3.6	0.3	8.4	0.4	11.1	0.5
Hct %	17.8	1.5	39.3	2.4	51.0	3.0
Hct l/l	0.178	0.015	0.393	0.024	0.510	0.030
MCV fl	76.1	4.0	87.4	4.0	93.6	4.0
MCH pg	24.9	2.4	30.0	2.8	32.9	2.8
MCH fmol	1.55	0.16	1.86	0.17	2.04	0.19
MCHC g/dl	32.7	3.0	34.3	3.0	35.1	3.0
MCHC mmol/l	20.3	2.0	21.3	2.0	21.8	2.0
Plts 10 ⁹ /l	71	20	255	35	505	60
MPV fl	9.4	2.0	9.2	2.0	8.7	2.0
LYMP %	61.2	6.0	32.9	4.0	16.7	4.0
MID %	10.8	4.0	7.9	6.3	5.0	3.0
GRAN %	28.0	5.0	59.2	5.0	78.3	5.0
LYMP #	1.5	0.2	2.5	0.4	3.1	0.9
MID #	0.3	0.3	0.6	0.5	0.9	0.8
GRAN #	0.7	0.2	4.4	0.4	14.6	1.1

Orphee MYTHIC 18

Please refer now to Danam/Drew table

Coulter Counter: AcT diff, AcT diff 2

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	7.8	0.8	20.6	2.0
RBC 10 ¹² /l	2.31	0.15	4.54	0.20	5.56	0.24
Hb g/dl	5.9	0.4	13.7	0.5	18.1	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.2	0.5
Hct %	17.6	1.5	39.7	2.4	52.1	3.0
Hct l/l	0.176	0.015	0.397	0.024	0.521	0.030
MCV fl	76.1	4.0	87.4	4.0	93.6	4.0
MCH pg	25.7	2.4	30.2	2.8	32.6	2.8
MCH fmol	1.59	0.16	1.87	0.17	2.02	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 %	15.8	3.0	16.1	3.0	15.2	3.0
Plts 10 ⁹ /l	75	20	258	35	516	60
MPV fl	8.5	2.0	8.7	2.0	8.5	2.0
LYMP %	62.9	6.0	32.5	4.0	15.4	4.0
MONO %	8.0	4.0	6.3	6.3	4.1	3.0
GRAN %	29.1	5.0	61.2	5.0	80.5	5.0
LYMP #	1.4	0.2	2.5	0.4	3.2	0.9
MONO #	0.2	0.2	0.5	0.5	0.8	0.8
GRAN #	0.6	0.2	4.8	0.4	16.6	1.1

Coulter Counter: AcT 8, AcT 10

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
LYMP %	49.3	6.0	24.4	4.0	10.9	4.0
LYMP #	1.0	0.2	1.9	0.4	2.3	0.8

Please refer to Table AcT Diff for CBC parameters

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	7.8	0.8	20.7	2.0
RBC 10 ¹² /l	2.29	0.15	4.54	0.20	5.48	0.24
Hb g/dl	6.0	0.4	14.0	0.5	18.8	0.6
Hb mmol/l	3.8	0.3	8.7	0.4	11.7	0.5
Hct %	17.4	1.5	39.9	2.4	53.4	3.0
Hct l/l	0.174	0.015	0.399	0.024	0.534	0.030
MCV fl	76.1	4.0	87.8	4.0	97.5	4.0
MCH pg	26.4	2.4	30.8	2.8	34.4	2.8
MCH fmol	1.64	0.16	1.91	0.17	2.14	0.19
MCHC g/dl	34.7	3.0	35.1	3.0	35.3	3.0
MCHC mmol/l	21.5	2.0	21.8	2.0	21.9	2.0
RDW %	14.7	3.0	15.5	3.0	14.4	3.0
Plts 10 ⁹ /l	77	20	264	35	539	60
MPV fl	8.5	2.0	7.6	2.0	6.9	2.0
LYMP %	65.2	8.0	34.2	4.0	19.5	4.0
MONO %	13.5	7.0	8.6	6.3	4.8	3.0
GRAN %	21.3	8.0	57.2	5.0	75.7	5.0
LYMP #	1.5	0.2	2.7	0.4	4.0	0.9
MONO #	0.3	0.3	0.7	0.5	1.0	0.8
GRAN #	0.5	0.4	4.5	0.4	15.7	1.1

Danam/Drew Excel18=MWI BT2100, D3; Orphee Mythic 18; Abbott Emerald 18

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.8	0.8	19.7	2.0
RBC 10 ¹² /l	2.31	0.15	4.54	0.20	5.56	0.24
Hb g/dl	5.7	0.4	13.7	0.5	18.1	0.6
Hb mmol/l	3.6	0.3	8.5	0.4	11.2	0.5
Hct %	17.1	1.5	39.7	2.4	52.3	3.0
Hct l/l	0.171	0.015	0.397	0.024	0.523	0.030
MCV fl	73.8	4.0	87.4	4.0	94.0	4.0
MCH pg	24.8	2.4	30.2	2.8	32.6	2.8
MCH fmol	1.54	0.16	1.87	0.17	2.02	0.19
MCHC g/dl	33.6	3.0	34.5	3.0	34.7	3.0
MCHC mmol/l	20.8	2.0	21.4	2.0	21.5	2.0
RDW %	14.0	3.0	13.5	3.0	12.7	3.0
Plts 10 ⁹ /l	75	20	242	35	481	60
MPV fl	8.5	2.0	8.7	2.0	8.5	2.0
LYMP %	59.2	6.0	29.7	4.0	15.3	4.0
MONO %	9.8	9.8	4.8	4.8	3.0	3.0
GRAN %	31.0	5.0	65.5	5.0	81.7	5.0
LYMP #	1.2	0.2	2.3	0.4	3.0	0.9
MONO #	0.2	0.2	0.4	0.4	0.6	0.6
GRAN #	0.7	0.2	5.1	0.4	16.1	1.1



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

LOT : 209

⌚ : 2014-11-19

Diatron:** Abacus, Abacus 3, Abacus Junior, Arcus; Erba: Elite 3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.4	7.6	0.8	20.7	2.0
RBC 10 ¹² /l	2.36	0.15	4.68	0.20	5.66	0.24
Hb g/dl	6.0	0.4	13.8	0.5	18.7	0.6
Hb mmol/l	3.7	0.3	8.6	0.4	11.6	0.5
Hct %	18.7	1.5	42.8	2.4	55.8	3.0
Hct l/l	0.187	0.015	0.428	0.024	0.558	0.030
MCV fl	79.3	4.0	91.4	4.0	98.6	4.0
MCH pg	25.4	2.4	29.5	2.8	33.0	2.8
MCH fmol	1.58	0.16	1.83	0.17	2.05	0.19
MCHC g/dl	32.1	3.0	32.3	3.0	33.5	3.0
MCHC mmol/l	19.9	2.0	20.0	2.0	20.8	2.0
RDW-SD fl	55.9	5.0	63.5	5.0	65.3	5.0
RDW-CV %	15.6	3.0	15.3	3.0	14.6	3.0
Plts 10 ⁹ /l	69	20	260	35	518	60
MPV fl	8.3	2.0	8.7	2.0	8.1	2.0
PCT %	0.06	0.02	0.23	0.06	0.42	0.10
PCT ml/l	0.57	0.2	2.26	0.3	4.21	0.4
PDW-SD fl	10.7	3.0	11.5	3.0	11.3	3.0
PDW-CV %	36.0	3.0	36.9	3.0	38.9	3.0
LYMP %	57.0	6.0	30.9	4.0	13.3	4.0
MONO %	8.7	6.0	7.3	6.3	6.4	3.0
GRAN %	34.3	6.0	61.9	5.0	80.3	6.0
LYMP #	1.2	0.2	2.4	0.4	2.7	0.9
MONO #	0.3	0.3	0.6	0.6	1.3	0.8
GRAN #	0.7	0.2	4.7	0.4	16.6	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 %	66.2	6.0	39.2	4.0	19.8	4.0
MONO %	9.9	4.0	9.0	6.3	6.4	3.0
GRAN %	23.9	5.0	51.8	5.0	73.8	5.0
LYMP #	1.5	0.2	3.1	0.4	4.1	0.9
MONO #	0.2	0.2	0.7	0.7	1.3	0.8
GRAN #	0.5	0.2	4.0	0.4	15.3	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 %	74.3	6.0	41.3	4.0	20.9	4.0
MONO %	8.7	4.0	8.4	6.3	6.1	3.0
GRAN %	17.0	5.0	50.4	5.0	73.0	5.0
LYMP #	1.6	0.2	3.2	0.4	4.3	0.9
MONO #	0.2	0.2	0.7	0.7	1.3	0.8
GRAN #	0.4	0.2	3.9	0.4	15.1	1.1

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.4	7.8	0.8	20.1	2.0
RBC 10 ¹² /l	2.31	0.15	4.44	0.20	5.36	0.24
Hb g/dl	5.9	0.4	14.0	0.5	19.2	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.9	0.5
Hct %	17.6	1.5	39.7	2.4	52.1	3.0
Hct l/l	0.176	0.015	0.397	0.024	0.521	0.030
MCV fl	78.1	4.0	87.4	4.0	94.6	4.0
MCH pg	25.7	2.4	31.5	2.8	35.9	2.8
MCH fmol	1.59	0.2	1.91	0.2	2.23	0.2
MCHC g/dl	33.7	3.0	35.3	3.0	36.9	3.0
MCHC mmol/l	20.9	2.0	21.4	2.0	22.9	2.0
RDW-CV %	11.5	3.0	11.9	3.0	11.2	3.0
RDW-SD fl	35.6	5.0	43.9	5.0	45.3	5.0
Plts 10 ⁹ /l	67	20	248	35	516	60
MPV fl	10.4	2.0	10.0	2.0	9.5	2.0
PCT %	0.07	0.02	0.25	0.06	0.49	0.10
PCT ml/l	0.70	0.20	2.48	0.30	4.90	0.40
PDW %	9.3	3.0	12.1	3.0	13.0	3.0
LYMP %	55.9	8.0	28.8	5.0	12.9	4.0
MONO %	14.3	6.0	8.8	5.0	7.0	7.0
GRAN %	29.8	6.0	62.4	8.0	80.1	8.0
LYMP #	1.1	0.2	2.2	0.4	2.6	0.9
MONO #	0.3	0.3	0.7	0.5	1.4	0.8
GRAN #	0.6	0.2	4.9	0.8	16.1	1.1

Avantor BeneSphera™ H32

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.4	7.8	0.8	20.1	2.0
RBC 10 ¹² /l	2.31	0.15	4.44	0.20	5.36	0.24
Hb g/dl	5.9	0.4	14.0	0.5	19.2	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.9	0.5
Hct %	17.6	1.5	39.7	2.4	52.1	3.0
Hct l/l	0.176	0.015	0.397	0.024	0.521	0.030
MCV fl	78.1	4.0	87.4	4.0	94.6	4.0
MCH pg	25.7	2.4	31.5	2.8	35.9	2.8
MCH fmol	1.59	0.2	1.91	0.2	2.23	0.2
MCHC g/dl	33.7	3.0	35.3	3.0	36.9	3.0
MCHC mmol/l	20.9	2.0	21.4	2.0	22.9	2.0
RDW-CV %	11.5	3.0	11.9	3.0	11.2	3.0
RDW-SD fl	35.6	5.0	43.9	5.0	45.3	5.0
Plts 10 ⁹ /l	67	20	248	35	516	60
MPV fl	10.4	2.0	10.0	2.0	9.5	2.0
PCT %	0.07	0.02	0.25	0.06	0.49	0.10
PCT ml/l	0.70	0.20	2.48	0.30	4.90	0.40
PDW %	9.3	3.0	12.1	3.0	13.0	3.0
LYMP %	55.9	8.0	28.8	5.0	12.9	4.0
MONO %	14.3	6.0	8.8	5.0	7.0	7.0
GRAN %	29.8	6.0	62.4	8.0	80.1	8.0
LYMP #	1.1	0.2	2.2	0.4	2.6	0.9
MONO #	0.3	0.3	0.7	0.5	1.4	0.8
GRAN #	0.6	0.2	4.9	0.8	16.1	1.1

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.2	0.4	8.0	0.8	21.6	2.0
RBC 10 ¹² /l	2.42	0.15	4.55	0.20	5.41	0.24
Hb g/dl	5.7	0.4	13.2	0.5	17.4	0.6
Hb mmol/l	3.6	0.3	8.2	0.4	10.8	0.5
Hct %	19.1	1.5	41.1	2.4	54.4	3.0
Hct l/l	0.191	0.015	0.411	0.024	0.544	0.030
MCV fl	79.1	4.0	90.4	4.0	100.6	4.0
MCH pg	23.7	2.4	29.0	2.8	32.2	2.8
MCH fmol	1.47	0.16	1.80	0.17	2.00	0.19
MCHC g/dl	29.9	3.0	32.1	3.0	32.0	3.0
MCHC mmol/l	18.6	2.0	19.9	2.0	19.9	2.0
RDW %	18.8	3.0	17.6	3.0	16.6	3.0
Plts 10 ⁹ /l	85	20	274	35	544	60
MPV fl	9.3	2.0	9.1	2.0	9.0	2.0
PDW %	16.3	3.0	15.0	3.0	14.6	3.0
LYMP %	53.2	6.0	34.7	4.0	28.3	4.0
MONO %	4.4	4.4	4.2	4.2	2.0	2.0
GRAN %	42.4	5.0	61.1	5.0	69.7	5.0
LYMP #	1.2	0.2	2.8	0.4	6.1	0.9
MONO #	0.2	0.2	0.3	0.3	0.4	0.4
GRAN #	0.9	0.2	4.9	0.4	15.1	1.1

Urit 2900 Plus

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	1.9	0.4	7.8	0.8	22.1	2.0
RBC 10 ¹² /l	2.31	0.15	4.66	0.20	5.76	0.24
Hb g/dl	5.8	0.4	13.4	0.5	17.1	0.6
Hb mmol/l	3.6	0.3	8.3	0.4	10.6	0.5
Hct %	17.0	1.5	37.9	2.4	48.2	3.0
Hct l/l	0.170	0.015	0.379	0.024	0.482	0.030
MCV fl	73.6	4.0	81.4	4.0	83.6	4.0
MCH pg	25.2	2.4	28.8	2.8	29.7	2.8
MCH fmol	1.57	0.2	1.78	0.2	1.84	0.2
MCHC g/dl	34.3	3.0	35.3	3.0	35.5	3.0
MCHC mmol/l	21.3	2.0	21.9	2.0	22.1	2.0
RDW-CV %	14.3	3.0	15.1	3.0	14.9	3.0
RDW-SD fl	21.6	5.0	33.9	5.0	45.3	5.0
Plts 10 ⁹ /l	74	20	240	35	396	60
MPV fl	17.4	2.0	13.9	2.0	12.9	2.0
PCT %	0.13	0.02	0.33	0.06	0.51	0.10
PCT ml/l	1.29	0.20	3.33	0.30	5.11	0.40
PDW %	13.8	3.0	13.8	3.0	14.5	3.0
LYMP %	60.9	8.0	31.0	5.0	13.7	4.0
MONO %	7.5	7.5	5.6	5.6	4.3	4.3
GRAN %	31.6	6.0	63.4	8.0	82.0	8.0
LYMP #	1.2	0.2	2.4	0.4	3.0	0.9
MONO #	0.1	0.1	0.4	0.4	1.0	1.0
GRAN #	0.6	0.2	4.9	0.8	18.1	1.1

LOT : 209
: 2014-11-19

Mindray BC-3200, BC-3000CT

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.1	0.5	8.1	1.0	21.4	2.5
RBC 10 ¹² /l	2.38	0.18	4.67	0.24	5.75	0.30
Hb g/dl	6.0	0.4	14.0	0.6	19.0	0.8
Hb mmol/l	3.7	0.3	8.7	0.4	11.8	0.5
Hct %	18.2	1.5	41.3	2.0	55.2	2.4
Hct l/l	0.182	0.015	0.413	0.020	0.552	0.024
MCV fl	76.5	5.0	88.5	5.0	96.0	5.0
MCH pg	25.2	2.5	30.0	2.5	33.0	2.5
MCH fmol	1.56	0.16	1.86	0.16	2.05	0.16
MCHC g/dl	33.0	3.0	33.9	3.0	34.4	3.0
MCHC mmol/l	20.5	2.0	21.0	2.0	21.4	2.0
RDW-CV	13.8	3.0	14.0	3.0	13.2	3.0
RDW-SD	35.8	6.0	40.0	6.0	42.0	8.0
Plts 10 ⁹ /l	85	20	265	40	515	60
MPV fl	8.8	3.0	8.5	3.0	8.0	3.0
LYMP %	59.0	12.0	29.0	8.0	13.5	6.0
MONO %	10.5	8.0	8.5	7.0	6.0	5.0
GRAN %	30.5	9.0	62.5	8.0	80.5	8.0
LYMP #	1.2	0.3	2.3	0.7	2.9	1.3
MONO #	0.2	0.2	0.7	0.6	1.3	1.1
GRAN #	0.6	0.2	5.1	0.7	17.2	1.8

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	8.0	1.0	21.3	2.5
RBC 10 ¹² /l	2.32	0.18	4.68	0.24	5.75	0.30
Hb g/dl	6.1	0.4	14.1	0.6	19.1	0.8
Hb mmol/l	3.8	0.3	8.8	0.4	11.9	0.5
Hct %	17.6	1.5	41.0	2.0	54.6	2.4
Hct l/l	0.176	0.015	0.410	0.020	0.546	0.024
MCV fl	76.0	5.0	87.5	5.0	95.0	5.0
MCH pg	26.3	2.5	30.1	2.5	33.2	2.5
MCH fmol	1.63	0.16	1.87	0.16	2.06	0.16
MCHC g/dl	34.6	3.0	34.4	3.0	35.0	3.0
MCHC mmol/l	21.5	2.0	21.3	2.0	21.7	2.0
RDW-CV	16.4	3.0	15.9	3.0	14.7	3.0
RDW-SD	41.5	6.0	46.5	6.0	48.0	8.0
Plts 10 ⁹ /l	75	20	270	40	510	60
MPV fl	10.0	3.0	9.8	3.0	9.4	3.0
PCT %	0.08	0.05	0.27	0.10	0.48	0.20
PCT ml/l	0.80	0.50	2.70	1.00	4.80	2.00
PDW fl	15.0	3.0	14.8	3.0	14.8	3.0
LYMP %	61.5	10.0	32.0	8.0	15.5	7.0
MONO %	8.5	6.0	6.5	5.0	4.5	4.0
GRAN %	30.0	9.0	61.5	9.0	80.0	8.0
LYMP #	1.2	0.3	2.6	0.7	3.3	1.5
MONO #	0.2	0.2	0.5	0.4	1.0	0.9
GRAN #	0.6	0.2	4.9	0.8	17.0	1.8

Mindray BC-3600, BC-3300

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.5	7.7	1.0	20.9	2.5
RBC 10 ¹² /l	2.36	0.18	4.77	0.24	5.88	0.30
Hb g/dl	6.1	0.4	13.8	0.6	18.7	0.8
Hb mmol/l	3.8	0.3	8.6	0.4	11.6	0.5
Hct %	18.1	1.5	41.0	2.0	54.7	2.4
Hct l/l	0.181	0.015	0.410	0.020	0.547	0.024
MCV fl	76.5	5.0	86.0	5.0	93.0	5.0
MCH pg	25.8	2.5	28.9	2.5	31.8	2.5
MCH fmol	1.60	0.16	1.80	0.16	1.97	0.16
MCHC g/dl	33.8	3.0	33.6	3.0	34.2	3.0
MCHC mmol/l	20.9	2.0	20.9	2.0	21.2	2.0
RDW-CV	15.8	3.0	15.2	3.0	14.3	3.0
RDW-SD	34.0	6.0	39.5	6.0	42.5	8.0
Plts 10 ⁹ /l	75	20	275	40	550	60
MPV fl	9.1	3.0	9.2	3.0	8.7	3.0
PCT %	0.07	0.05	0.25	0.10	0.47	0.20
PCT ml/l	0.70	0.50	2.50	1.00	4.70	2.00
PDW fl	15.3	3.0	15.5	3.0	15.8	3.0
P-LCC	23.0	10.0	85.0	22.0	148.0	30.0
P-LCR	31.0	9.0	29.0	9.0	26.0	9.0
LYMP %	57.5	12.0	30.5	8.0	14.0	8.0
MONO %	12.5	8.0	8.0	6.0	6.0	5.0
GRAN %	30.0	9.0	61.5	8.0	80.0	8.0
LYMP #	1.2	0.3	2.3	0.7	2.9	1.7
MONO #	0.3	0.2	0.6	0.5	1.3	1.1
GRAN #	0.6	0.2	4.7	0.7	16.7	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 ⁹ /l	2.0	0.5	8.0	1.0	21.0	2.5
RBC 10 ¹² /l	2.38	0.18	4.68	0.24	5.75	0.30
Hb g/dl	6.0	0.4	13.9	0.6	18.9	0.8
Hb mmol/l	3.7	0.3	8.6	0.4	11.7	0.5
Hct %	18.3	1.5	41.4	2.0	55.2	2.4
Hct l/l	0.183	0.015	0.414	0.020	0.552	0.024
MCV fl	77.0	5.0	88.5	5.0	96.0	5.0
MCH pg	25.2	2.5	29.7	2.5	32.9	2.5
MCH fmol	1.56	0.16	1.84	0.16	2.04	0.16
MCHC g/dl	32.7	3.0	33.6	3.0	34.2	3.0
MCHC mmol/l	20.3	2.0	20.8	2.0	21.2	2.0
RDW-CV	16.0	3.0	15.2	3.0	14.5	3.0
RDW-SD	40.0	6.0	44.0	6.0	45.0	8.0
Plts 10 ⁹ /l	82	20	265	40	520	60
MPV fl	9.3	3.0	9.1	3.0	8.5	3.0
PCT %	0.07	0.05	0.24	0.10	0.44	0.20
PCT ml/l	0.70	0.50	2.40	1.00	4.40	2.00
PDW fl	16.2	3.0	15.8	3.0	15.8	3.0
LYMP %	60.5	12.0	30.0	8.0	14.0	7.0
MONO %	9.0	8.5	8.0	7.0	6.0	4.0
GRAN %	30.5	9.0	62.0	8.0	80.0	8.0
LYMP #	1.2	0.3	2.4	0.7	2.9	1.5
MONO #	0.2	0.2	0.6	0.5	1.3	0.9
GRAN #	0.6	0.2	5.0	0.7	16.8	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	2.2	0.5	7.8	1.0	19.5	2.5
RBC 10 ¹² /l	2.16	0.18	4.37	0.24	5.50	0.30
Hb g/dl **	6.1	0.4	14.6	0.6	19.5	0.8
Hb mmol/l **	3.8	0.3	9.1	0.4	12.1	0.5
Hct %	17.7	1.5	40.4	2.0	53.7	2.4
Hct l/l	0.177	0.015	0.404	0.020	0.537	0.024
MCV fl	82.1	5.0	92.4	5.0	97.6	5.0
MCH pg **	28.4	2.5	33.4	2.5	35.5	2.5
MCH fmol **	1.76	0.16	2.07	0.16	2.20	0.16
MCHC g/dl **	34.6	3.0	36.2	3.0	36.4	3.0
MCHC mmol/l **	21.4	2.0	22.4	2.0	22.6	2.0
RDW-CV	14.6	3.0	15.4	3.0	15.0	3.0
RDW-SD	42.8	6.0	50.6	6.0	52.1	8.0
Plts 10 ⁹ /l	82	20	242	40	474	60
MPV fl	9.2	3.0	9.5	3.0	9.0	3.0
LYMP %	61.2	12.0	29.9	8.0	14.2	7.0
MONO %	10.8	8.5	7.9	7.9	5.0	5.0
GRAN %	28.0	9.0	62.2	8.0	80.8	8.0
LYMP #	1.3	0.3	2.3	0.7	2.8	1.5
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
GRAN #	0.6	0.2	4.9	0.7	15.8	1.7

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

Hb g/dl	5.8	0.4	13.6	0.6	18.2	0.8
Hb mmol/l	3.6	0.3	8.4	0.4	11.3	0.5
MCH pg	27.0	2.5	31.1	2.5	33.1	2.5
MCH fmol	1.68	0.16	1.93	0.16	2.06	0.16
MCHC g/dl	32.9	3.0	33.7	3.0	33.9	3.0
MCHC mmol/l	20.4	2.0	20.9	2.0	21.1	2.0

Mindray BC-2300, BC-2100

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 ⁹ /l	2.0	0.5	7.9	1.0	21.3	2.5
RBC 10 ¹² /l	2.30	0.18	4.55	0.24	5.52	0.30
Hb g/dl	6.2	0.4	14.0	0.6	18.7	0.8
Hb mmol/l	3.8	0.3	8.7	0.4	11.6	0.5
Hct %	17.0	1.5	39.3	2.0	51.3	2.4
Hct l/l	0.170	0.015	0.393	0.020	0.513	0.024
MCV fl	74.0	5.0	86.3	5.0	92.9	5.0
MCH pg	26.9	2.5	30.8	2.5	33.8	2.5
MCH fmol	1.67	0.16	1.91	0.16	2.10	0.16
MCHC g/dl	36.3	3.0	35.7	3.0	36.4	3.0
MCHC mmol/l	22.5	1.9	22.2	1.9	22.6	1.9
RDW-CV	13.8	3.0	14.0	3.0	13.1	3.0
RDW-SD	33.8	8.0	38.9	8.0	40.3	8.0
Plts 10 ⁹ /l	71	20	253	40	526	60
MPV fl	10.9	3.0	10.8	3.0	10.5	3.0
PCT %	0.08	0.08	0.27	0.10	0.55	0.20
PCT ml/l	0.77	0.77	2.73	1.00	5.49	2.00
PDW fl	14.7	3.0	14.8	3.0	15.9	3.0
LYMP %	60.5	10.0	31.9	8.0	14.9	7.0
MONO %	9.9	6.0	8.3	5.0	7.0	4.0
GRAN %	29.6	9.0	59.8	9.0	78.2	8.0
LYMP #	1.2	0.2	2.5	0.7	3.2	1.5
MONO #	0.2	0.2	0.7	0.7	1.5	0.9
GRAN #	0.6	0.2	4.7	0.7	16.7	1.7