Assay values 3-Diff Controls
Combined US and SI Units

D0000803
Version 16.0

REF	:	3734-3735-3736-3752-3753-3754-3820-3821-3822 3433-3434-3435-3466-3467-3468-3502-3503-3504
LOT	:	202
⌛	:	2013-02-19

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 10^9/l	2.0	0.4	7.7	0.8	19.5	2.0
RBC 10^{12}/l	2.24	0.15	4.56	0.20	5.56	0.24
Hb g/dl	5.8	0.4	13.5	0.5	18.0	0.6
Hb mmol/l	3.6	0.3	8.4	0.4	11.2	0.5
Hct %	16.8	1.5	38.3	2.4	51.2	3.0
Hct l/l	0.168	0.015	0.383	0.024	0.512	0.030
MCV fl	75.0	4.0	84.0	4.0	92.0	4.0
MCH pg	25.9	2.4	29.6	2.8	32.4	2.8
MCH fmol	1.61	0.16	1.84	0.17	2.01	0.19
MCHC g/dl	34.5	3.0	35.2	3.0	35.2	3.0
MCHC mmol/l	21.4	2.0	21.9	2.0	21.8	2.0
RDW %	16.0	3.0	15.5	3.0	15.4	3.0
Plts 10^9/l	58	20	247	35	522	60
MPV fl	7.7	2.0	7.5	2.0	7.9	2.0
PDW %	17.7	3.0	16.8	3.0	16.7	3.0
LYMP %	60.0	6.0	33.9	4.0	16.8	4.0
MONO %	11.1	4.0	7.6	4.0	5.4	3.0
GRAN %	28.9	6.0	58.5	5.0	77.8	5.0
LYMP #	1.2	0.2	2.6	0.4	3.3	0.8
MONO #	0.2	0.2	0.6	0.4	1.1	0.6
GRAN #	0.6	0.2	4.5	0.4	15.2	1.0

ABX Roche: Micros; Bayer: Advia 60

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.1	0.4	7.3	0.8	18.1	2.0
RBC 10^{12}/l	2.24	0.15	4.52	0.20	5.55	0.24
Hb g/dl	5.5	0.4	13.5	0.5	17.9	0.6
Hb mmol/l	3.4	0.3	8.4	0.4	11.1	0.5
Hct %	15.6	1.5	36.9	2.4	50.5	3.0
Hct l/l	0.156	0.015	0.369	0.024	0.505	0.030
MCV fl	69.6	4.0	81.6	4.0	91.0	4.0
MCH pg	24.5	2.4	29.8	2.8	32.3	2.8
MCH fmol	1.52	0.16	1.85	0.17	2.00	0.19
MCHC g/dl	35.2	3.0	36.5	3.0	35.5	3.0
MCHC mmol/l	21.8	2.0	22.7	2.0	22.0	2.0
RDW %	14.6	3.0	15.9	3.0	15.8	3.0
Plts 10^9/l	63	20	245	35	488	60
MPV fl	7.4	2.0	7.2	2.0	7.4	2.0
LYMP %	51.9	6.0	30.1	4.0	15.3	4.0
MONO %	10.6	4.0	7.5	4.0	4.2	3.0
GRAN %	37.5	6.0	62.4	5.0	80.5	5.0
LYMP #	1.1	0.2	2.2	0.4	2.8	0.8
MONO #	0.2	0.2	0.5	0.5	0.8	0.8
GRAN #	0.8	0.2	4.5	0.4	14.5	1.0

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.2	0.4	7.4	0.8	17.4	2.0
RBC 10^{12}/l	2.27	0.15	4.52	0.20	5.45	0.24
Hb g/dl	5.7	0.4	13.3	0.5	17.8	0.6
Hb mmol/l	3.5	0.3	8.3	0.4	11.0	0.5
Hct %	17.0	1.5	38.4	2.4	50.7	3.0
Hct l/l	0.170	0.015	0.384	0.024	0.507	0.030
MCV fl	75.0	4.0	85.0	4.0	93.0	4.0
MCH pg	25.1	2.4	29.4	2.8	32.7	2.8
MCH fmol	1.56	0.16	1.83	0.17	2.03	0.19
MCHC g/dl	33.5	3.0	34.6	3.0	35.1	3.0
MCHC mmol/l	20.8	2.0	21.5	2.0	21.8	2.0
Plts 10^9/l	54	20	242	35	509	60
MPV fl	8.6	2.0	8.0	2.0	8.1	2.0
LYMP %	60.0	6.0	33.9	4.0	16.8	4.0
MID %	11.1	4.0	7.6	4.0	5.4	3.0
GRAN %	28.9	6.0	58.5	5.0	77.8	5.0
LYMP #	1.3	0.2	2.5	0.4	2.9	0.8
MID #	0.2	0.2	0.6	0.4	0.9	0.6
GRAN #	0.6	0.2	4.3	0.4	13.5	1.0

Coulter Counter: AcT diff, AcT diff 2

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.0	0.4	7.7	0.8	19.4	2.0
RBC 10^{12}/l	2.24	0.15	4.56	0.20	5.56	0.24
Hb g/dl	5.8	0.4	13.5	0.5	18.0	0.6
Hb mmol/l	3.6	0.3	8.4	0.4	11.2	0.5
Hct %	16.8	1.5	38.8	2.4	51.7	3.0
Hct l/l	0.168	0.015	0.388	0.024	0.517	0.030
MCV fl	75.0	4.0	85.0	4.0	93.0	4.0
MCH pg	25.9	2.4	29.6	2.8	32.4	2.8
MCH fmol	1.61	0.16	1.84	0.17	2.01	0.19
MCHC g/dl	34.5	3.0	34.8	3.0	34.8	3.0
MCHC mmol/l	21.4	2.0	21.6	2.0	21.6	2.0
RDW %	16.0	3.0	15.5	3.0	15.4	3.0
Plts 10^9/l	58	20	245	35	520	60
MPV fl	7.7	2.0	7.5	2.0	7.9	2.0
LYMP %	61.7	6.0	33.5	4.0	15.5	4.0
MONO %	8.3	4.0	6.0	4.0	4.5	3.0
GRAN %	30.0	6.0	60.5	5.0	80.0	5.0
LYMP #	1.2	0.2	2.6	0.4	3.0	0.8
MONO #	0.2	0.1	0.5	0.4	0.9	0.6
GRAN #	0.6	0.2	4.7	0.4	15.5	1.0

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 %	48.2	6.0	25.5	4.0	11.0	4.0
LYMP #	1.0	0.2	2.0	0.4	2.1	0.8

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.0	0.4	7.4	0.8	17.9	2.0
RBC 10^{12}/l	2.22	0.15	4.52	0.20	5.48	0.24
Hb g/dl	5.7	0.4	13.8	0.5	19.2	0.6
Hb mmol/l	3.5	0.3	8.6	0.4	11.9	0.5
Hct %	17.1	1.5	38.6	2.4	53.0	3.0
Hct l/l	0.171	0.015	0.386	0.024	0.530	0.030
MCV fl	77.1	4.0	85.4	4.0	96.8	4.0
MCH pg	25.7	2.4	30.5	2.8	35.1	2.8
MCH fmol	1.59	0.16	1.89	0.17	2.18	0.19
MCHC g/dl	33.3	3.0	35.7	3.0	36.3	3.0
MCHC mmol/l	20.7	2.0	22.2	2.0	22.5	2.0
RDW %	14.9	3.0	14.9	3.0	14.6	3.0
Plts 10^9/l	59	20	252	35	510	60
MPV fl	7.7	2.0	6.6	2.0	6.5	2.0
LYMP %	63.9	6.0	36.0	4.0	20.2	4.0
MONO %	12.1	4.0	8.2	4.0	5.2	3.0
GRAN %	24.0	6.0	55.8	5.0	74.6	5.0
LYMP #	1.3	0.2	2.6	0.4	3.6	0.8
MONO #	0.2	0.2	0.6	0.4	0.9	0.6
GRAN #	0.5	0.2	4.1	0.4	13.3	1.0

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.0	0.4	7.7	0.8	19.5	2.0
RBC 10^{12}/l	2.24	0.15	4.56	0.20	5.56	0.24
Hb g/dl	5.6	0.4	13.5	0.5	18.0	0.6
Hb mmol/l	3.5	0.3	8.4	0.4	11.2	0.5
Hct %	16.3	1.5	38.8	2.4	51.9	3.0
Hct l/l	0.163	0.015	0.388	0.024	0.519	0.030
MCV fl	72.8	4.0	85.0	4.0	93.4	4.0
MCH pg	25.0	2.4	29.6	2.8	32.4	2.8
MCH fmol	1.55	0.16	1.84	0.17	2.01	0.19
MCHC g/dl	34.4	3.0	34.8	3.0	34.7	3.0
MCHC mmol/l	21.3	2.0	21.6	2.0	21.5	2.0
RDW	14.1	3.0	13.1	3.0	12.9	3.0
Plts 10^9/l	58	20	230	35	484	60
MPV fl	7.7	2.0	7.5	2.0	7.9	2.0
LYMP %	60.3	6.0	32.7	4.0	16.4	4.0
MONO %	6.5	4.0	4.5	4.5	3.4	3.4
GRAN %	33.2	6.0	62.8	5.0	80.2	5.0
LYMP #	1.2	0.2	2.5	0.4	3.2	0.8
MONO #	0.1	0.1	0.3	0.3	0.7	0.7
GRAN #	0.7	0.2	4.8	0.4	15.6	1.0

Assay values 3-Diff Controls
Combined US and SI Units

D0000803
Version 16.0

LOT : 202

: 2013-02-19

Diatron: Abacus, Arcus **

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	1.9	0.4	7.5	0.8	19.5	2.0
RBC 10^{12}/l	2.28	0.15	4.70	0.20	5.66	0.24
Hb g/dl	6.0	0.4	13.6	0.5	18.5	0.6
Hb mmol/l	3.7	0.3	8.5	0.4	11.5	0.5
Hct %	17.8	1.5	41.8	2.4	55.4	3.0
Hct l/l	0.178	0.015	0.418	0.024	0.554	0.030
MCV fl	78.1	4.0	88.9	4.0	98.0	4.0
MCH pg	26.4	2.4	29.0	2.8	32.8	2.8
MCH fmol	1.64	0.16	1.80	0.17	2.04	0.19
MCHC g/dl	33.8	3.0	32.6	3.0	33.5	3.0
MCHC mmol/l	21.0	2.0	20.2	2.0	20.8	2.0
RDW-SD fl	55.8	5.0	59.6	5.0	65.9	5.0
RDW-CV %	15.8	3.0	14.8	3.0	14.8	3.0
Plts 10^9/l	53	20	247	35	522	60
MPV fl	7.5	2.0	7.5	2.0	7.6	2.0
PCT %	0.04	0.02	0.19	0.06	0.39	0.10
PCT ml/l	0.40	0.2	1.85	0.3	3.95	0.4
PDW-SD fl	9.8	3.0	10.1	3.0	10.3	3.0
PDW-CV %	36.4	3.0	37.8	3.0	38.2	3.0
LYMP %	55.9	6.0	31.8	4.0	13.4	4.0
MONO %	9.0	6.0	7.0	4.0	7.0	3.0
GRAN %	35.2	7.0	61.2	5.0	79.7	6.0
LYMP #	1.1	0.2	2.4	0.4	2.6	0.8
MONO #	0.2	0.2	0.5	0.5	1.4	0.6
GRAN #	0.7	0.2	4.6	0.4	15.5	1.0

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

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

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.0	0.4	7.9	0.8	20.4	2.0
RBC 10^{12}/l	2.35	0.15	4.57	0.20	5.41	0.24
Hb g/dl	5.6	0.4	13.0	0.5	17.3	0.6
Hb mmol/l	3.5	0.3	8.1	0.4	10.7	0.5
Hct %	18.3	1.5	40.2	2.4	54.1	3.0
Hct l/l	0.183	0.015	0.402	0.024	0.541	0.030
MCV fl	78.0	4.0	88.0	4.0	100.0	4.0
MCH pg	23.8	2.4	28.4	2.8	32.0	2.8
MCH fmol	1.48	0.16	1.77	0.17	1.98	0.19
MCHC g/dl	30.6	3.0	32.3	3.0	32.0	3.0
MCHC mmol/l	19.0	2.0	20.1	2.0	19.8	2.0
RDW %	19.0	3.0	17.0	3.0	16.8	3.0
Plts 10^9/l	68	20	261	35	548	60
MPV fl	8.5	2.0	7.9	2.0	8.4	2.0
PDW %	16.5	3.0	15.4	3.0	14.3	3.0
LYMP %	52.0	6.0	35.7	4.0	28.4	4.0
MONO %	4.7	4.7	3.9	3.9	2.4	2.4
GRAN %	43.3	6.0	60.4	5.0	69.2	5.0
LYMP #	1.0	0.2	2.8	0.4	5.8	0.8
MONO #	0.1	0.1	0.3	0.3	0.5	0.5
GRAN #	0.9	0.2	4.8	0.4	14.1	1.0

Orphee MYTHIC 18

Please refer now to Danam/Drew table

AVL (Contraves): AVL - 816

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	64.9	6.0	40.4	4.0	20.0	4.0
MONO %	10.2	4.0	8.6	4.0	6.9	3.0
GRAN %	25.0	6.0	51.0	5.0	73.1	5.0
LYMP #	1.3	0.2	3.1	0.4	3.9	0.8
MONO #	0.2	0.2	0.7	0.7	1.3	0.6
GRAN #	0.5	0.2	3.9	0.4	14.3	1.0

AVL (Contraves): AVL - 818

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
Please refer to Table Coulter Counters for CBC parameters						
LYMP %	72.8	6.0	42.5	4.0	21.0	4.0
MONO %	8.9	4.0	8.1	4.0	6.6	3.0
GRAN %	18.2	6.0	49.4	5.0	72.4	5.0
LYMP #	1.5	0.2	3.3	0.4	4.1	0.8
MONO #	0.2	0.2	0.6	0.6	1.3	0.6
GRAN #	0.4	0.2	3.8	0.4	14.1	1.0

Avantor BENESPHERA™ 3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.0	0.4	7.7	0.8	19.4	2.0
RBC 10^{12}/l	2.24	0.15	4.56	0.20	5.56	0.24
Hb g/dl	5.8	0.4	13.5	0.5	18.5	0.6
Hb mmol/l	3.6	0.3	8.4	0.4	11.5	0.5
Hct %	16.8	1.5	38.8	2.4	51.7	3.0
Hct l/l	0.168	0.015	0.388	0.024	0.517	0.030
MCV fl	75.0	4.0	85.0	4.0	93.0	4.0
MCH pg	25.9	2.4	29.6	2.8	33.3	2.8
MCH fmol	1.61	0.2	1.84	0.2	2.06	0.2
MCHC g/dl	34.5	3.0	34.8	3.0	35.8	3.0
MCHC mmol/l	21.4	2.0	21.6	2.0	22.2	2.0
RDW %	17.5	3.0	15.5	3.0	15.4	3.0
Plts 10^9/l	58	20	245	35	490	60
MPV fl	11.3	2.0	9.8	2.0	9.8	2.0
LYMP %	53.5	6.0	28.7	4.0	12.3	4.0
MONO %	14.8	4.0	10.7	4.0	5.5	5.5
GRAN %	31.7	6.0	60.6	5.0	82.2	5.0
LYMP #	1.1	0.2	2.2	0.4	2.4	0.8
MONO #	0.3	0.3	0.8	0.4	1.1	0.6
GRAN #	0.6	0.2	4.7	0.4	15.9	1.0

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

8ºC

2ºC

IVD

Assay values 3-Diff Controls
Combined US and SI Units

D0000803
Version 16.0

LOT	:	202
	:	2013-02-19

Mindray BC-3200, BC-3000CT

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	2.1	0.5	8.0	1.0	20.8	2.5
RBC 10^{12}/l	2.36	0.18	4.74	0.24	5.78	0.30
Hb g/dl	5.8	0.4	13.8	0.6	18.7	0.8
Hb mmol/l	3.6	0.3	8.6	0.4	11.6	0.5
Hct %	17.6	1.5	41.0	2.0	55.2	2.4
Hct l/l	0.176	0.015	0.410	0.020	0.552	0.024
MCV fl	74.5	5.0	86.5	5.0	95.5	5.0
MCH pg	24.6	2.5	29.1	2.5	32.4	2.5
MCH fmol	1.53	0.16	1.81	0.16	2.01	0.16
MCHC g/dl	33.0	3.0	33.7	3.0	33.9	3.0
MCHC mmol/l	20.5	1.9	20.9	1.9	21.0	1.9
RDW-CV	14.4	3.0	13.5	3.0	13.0	3.0
RDW-SD	36.5	6.0	38.0	6.0	41.5	8.0
Plts 10^9/l	67	25	248	40	515	60
MPV fl	8.0	3.0	7.5	3.0	7.5	3.0
LYMP %	56.0	12.0	30.0	8.0	13.0	6.0
MONO %	11.5	9.0	8.0	6.0	6.0	5.0
GRAN %	32.5	9.0	62.0	8.0	81.0	8.0
LYMP #	1.2	0.3	2.4	0.7	2.7	1.3
MONO #	0.2	0.2	0.6	0.5	1.2	1.0
GRAN #	0.7	0.2	5.0	0.7	16.8	1.7

Mindray BC-2800, BC-2600 (software version lower than 2.0)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	1.8	0.5	7.8	1.0	22.1	2.5
RBC 10^{12}/l	2.21	0.18	4.56	0.24	5.69	0.30
Hb g/dl	6.1	0.4	14.0	0.6	19.1	0.8
Hb mmol/l	3.8	0.3	8.7	0.4	11.9	0.5
Hct %	17.6	1.5	39.9	2.0	54.1	2.4
Hct l/l	0.176	0.015	0.399	0.020	0.541	0.024
MCV fl	79.5	5.0	87.5	5.0	95.0	5.0
MCH pg	27.6	2.5	30.7	2.5	33.6	2.5
MCH fmol	1.71	0.20	1.91	0.20	2.08	0.20
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-CV	14.5	3.0	13.5	3.0	13.7	3.0
RDW-SD	37.0	6.0	41.8	6.0	44.0	8.0
Plts 10^9/l	65	20	235	45	545	65
MPV fl	9.0	3.0	8.7	3.0	8.5	3.0
PCT %	0.06	0.05	0.19	0.10	0.46	0.20
PCT ml/l	0.60	0.50	1.90	1.00	4.60	2.00
PDW fl	16.2	3.0	16.2	3.0	16.0	3.0
LYMP %	61.5	11.0	30.8	8.0	13.5	8.0
MONO %	9.0	7.0	7.0	6.0	7.0	6.0
GRAN %	29.5	8.0	62.2	9.0	79.5	9.0
LYMP #	1.1	0.3	2.4	0.7	3.0	1.8
MONO #	0.2	0.2	0.5	0.5	1.5	1.4
GRAN #	0.5	0.3	4.9	0.8	17.6	2.0

Mindray BC-2800, BC-2600 (software version 2.0 or higher)

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10^9/l	1.9	0.5	7.9	1.0	20.2	2.5
RBC 10^{12}/l	2.26	0.18	4.62	0.24	5.60	0.30
Hb g/dl	5.8	0.4	13.8	0.6	18.9	0.8
Hb mmol/l	3.6	0.3	8.6	0.4	11.7	0.5
Hct %	16.8	1.5	39.5	2.0	53.2	2.4
Hct l/l	0.168	0.015	0.395	0.020	0.532	0.024
MCV fl	74.5	5.0	85.5	5.0	95.0	5.0
MCH pg	25.7	2.5	29.9	2.5	33.8	2.5
MCH fmol	1.59	0.16	1.85	0.16	2.09	0.16
MCHC g/dl	34.4	3.0	34.9	3.0	35.5	3.0
MCHC mmol/l	21.4	1.9	21.7	1.9	22.0	1.9
RDW-CV	16.5	3.0	15.5	3.0	15.0	3.0
RDW-SD	42.5	6.0	44.5	6.0	49.0	8.0
Plts 10^9/l	62	20	238	40	505	60
MPV fl	9.2	3.0	9.1	3.0	9.1	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	14.7	3.0	14.8	3.0	14.7	3.0
LYMP %	62.0	10.0	33.0	8.0	14.5	7.0
MONO %	9.5	7.0	5.5	5.0	4.5	4.0
GRAN %	28.5	9.0	61.5	9.0	91.0	8.0
LYMP #	1.2	0.2	2.6	0.7	2.9	1.4
MONO #	0.2	0.2	0.4	0.4	0.9	0.8
GRAN #	0.5	0.2	4.9	0.8	16.4	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 10^9/l	2.0	0.5	7.9	1.0	20.0	2.5
RBC 10^{12}/l	2.38	0.18	4.78	0.24	5.74	0.30
Hb g/dl	5.8	0.4	13.8	0.6	18.5	0.8
Hb mmol/l	3.6	0.3	8.6	0.4	11.5	0.5
Hct %	18.1	1.5	41.3	2.0	54.8	2.4
Hct l/l	0.181	0.015	0.413	0.020	0.548	0.024
MCV fl	76.0	5.0	86.5	5.0	95.5	5.0
MCH pg	24.4	2.5	28.9	2.5	32.2	2.5
MCH fmol	1.51	0.16	1.79	0.16	2.00	0.16
MCHC g/dl	32.1	3.0	33.4	3.0	33.7	3.0
MCHC mmol/l	19.9	1.9	20.7	1.9	21.0	1.9
RDW-CV	16.0	3.0	14.5	3.0	14.0	3.0
RDW-SD	40.0	6.0	42.0	6.0	46.0	8.0
Plts 10^9/l	70	20	260	40	530	60
MPV fl	8.8	3.0	8.1	3.0	8.2	3.0
PCT %	0.06	0.05	0.21	0.10	0.44	0.20
PCT ml/l	0.60	0.50	2.10	1.00	4.40	2.00
PDW fl	16.4	3.0	15.8	3.0	15.7	3.0
LYMP %	57.0	12.0	31.0	8.0	14.0	7.0
MONO %	10.0	8.0	7.5	6.0	6.0	4.0
GRAN %	33.0	9.0	61.5	8.0	80.0	8.0
LYMP #	1.1	0.3	2.4	0.7	2.8	1.4
MONO #	0.2	0.2	0.6	0.5	1.2	0.8
GRAN #	0.7	0.2	4.9	0.7	16.0	1.6

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	2.0	0.5	7.7	1.0	18.3	2.5
RBC 10^{12}/l	2.09	0.18	4.39	0.24	5.50	0.30
Hb g/dl **	6.0	0.4	14.4	0.6	19.4	0.8
Hb mmol/l **	3.7	0.3	8.9	0.4	12.0	0.5
Hct %	16.9	1.5	39.5	2.0	53.4	2.4
Hct l/l	0.169	0.015	0.395	0.020	0.534	0.024
MCV fl	81.0	5.0	90.0	5.0	97.0	5.0
MCH pg **	28.7	2.5	32.8	2.5	35.3	2.5
MCH fmol **	1.78	0.16	2.04	0.16	2.19	0.16
MCHC g/dl **	35.4	3.0	36.4	3.0	36.4	3.0
MCHC mmol/l **	22.0	1.9	22.6	1.9	22.6	1.9
RDW-CV	14.8	3.0	14.8	3.0	15.2	3.0
RDW-SD	42.8	6.0	47.6	6.0	52.7	8.0
Plts 10^9/l	65	20	229	40	478	60
MPV fl	8.4	3.0	8.3	3.0	8.4	3.0
LYMP %	60.0	12.0	30.9	8.0	14.3	7.0
MONO %	11.1	8.0	7.6	7.6	5.4	5.4
GRAN %	28.9	9.0	61.5	8.0	80.3	8.0
LYMP #	1.2	0.3	2.4	0.7	2.6	1.4
MONO #	0.2	0.2	0.6	0.6	1.0	1.0
GRAN #	0.6	0.2	4.7	0.7	14.7	1.6

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

Hb g/dl	5.7	0.4	13.4	0.6	18.1	0.8
Hb mmol/l	3.5	0.3	8.3	0.4	11.2	0.5
MCH pg	27.3	2.5	30.5	2.5	32.9	2.5
MCH fmol	1.69	0.16	1.89	0.16	2.04	0.16
MCHC g/dl	33.7	3.0	33.9	3.0	33.9	3.0
MCHC mmol/l	20.9	1.9	21.0	1.9	21.1	1.9

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	20.5	2.5
RBC 10^{12}/l	2.30	0.22	4.64	0.28	5.56	0.36
Hb g/dl	6.0	0.5	13.7	0.8	18.5	1.0
Hb mmol/l	3.7	0.3	8.5	0.4	11.5	0.5
Hct %	16.8	1.5	39.2	2.0	51.4	2.4
Hct l/l	0.168	0.015	0.392	0.020	0.514	0.024
MCV fl	73.0	5.0	84.5	5.0	92.5	5.0
MCH pg	26.1	2.5	29.5	2.5	33.3	2.5
MCH fmol	1.62	0.16	1.83	0.16	2.06	0.16
MCHC g/dl	35.7	3.0	34.9	3.0	36.0	3.0
MCHC mmol/l	22.2	1.9	21.7	1.9	22.3	1.9
RDW-CV	14.0	3.0	13.0	3.0	12.7	3.0
RDW-SD	33.5	8.0	35.0	8.0	38.5	8.0
Plts 10^9/l	58	20	240	40	535	60
MPV fl	10.0	3.0	9.8	3.0	10.0	3.0
PCT %	0.05	0.05	0.24	0.10	0.53	0.20
PCT ml/l	0.50	0.50	2.40	1.00	5.30	2.00
PDW fl	15.0	3.0	15.0	3.0	15.0	3.0
LYMP %	56.5	10.0	32.0	8.0	14.5	7.0
MONO %	11.0	8.0	7.5	6.0	5.5	5.0
GRAN %	32.5	9.0	60.5	10.0	80.0	9.0
LYMP #	1.1	0.2	2.5	0.7	3.0	1.5
MONO #	0.2	0.2	0.6	0.5	1.1	1.0
GRAN #	0.7	0.2	4.8	0.8	16.4	1.9