

REF : 3630-3631-3632-3421-3422-3423

LOT : 202

⏳ : 2013-04-19

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	7.7	0.8	19.5	2.0
RBC 10 <sup>12</sup> /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	7.0	84.0	7.0	92.0	7.0
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 <sup>9</sup> /l	58	25	247	40	522	70
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 <sup>9</sup> /l	2.1	0.4	7.3	0.8	18.1	2.0
RBC 10 <sup>12</sup> /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	68.6	7.0	81.5	7.0	91.0	7.0
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 <sup>9</sup> /l	63	25	245	40	488	70
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 <sup>9</sup> /l	2.2	0.4	7.4	0.8	17.4	2.0
RBC 10 <sup>12</sup> /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	7.0	85.0	7.0	93.0	7.0
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 <sup>9</sup> /l	54	25	242	40	509	70
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 <sup>9</sup> /l	2.0	0.4	7.7	0.8	19.4	2.0
RBC 10 <sup>12</sup> /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	7.0	85.0	7.0	93.0	7.0
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 <sup>9</sup> /l	58	25	245	40	520	70
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 <sup>9</sup> /l	2.0	0.4	7.4	0.8	17.9	2.0
RBC 10 <sup>12</sup> /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	7.0	85.4	7.0	96.8	7.0
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 <sup>9</sup> /l	59	25	252	40	510	70
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 <sup>9</sup> /l	2.0	0.4	7.7	0.8	19.5	2.0
RBC 10 <sup>12</sup> /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	7.0	85.0	7.0	93.4	7.0
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 <sup>9</sup> /l	58	25	230	40	484	70
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

LOT : 202



: 2013-04-19

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	8.0	1.0	20.8	2.5
RBC 10 <sup>12</sup> /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	7.0	86.5	7.0	95.5	7.0
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 <sup>9</sup> /l	67	25	248	40	515	70
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-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	7.9	1.0	20.0	2.5
RBC 10 <sup>12</sup> /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	7.0	86.5	7.0	95.5	7.0
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	20.9	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 <sup>9</sup> /l	70	25	260	40	530	70
MPV fl	8.8	3.0	8.1	3.0	8.2	3.0
PCT %	0.06	0.05	0.21	0.10	0.43	0.20
PCT m/l	0.62	0.50	2.11	1.00	4.35	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-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	7.8	1.0	22.1	2.5
RBC 10 <sup>12</sup> /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	7.0	87.5	7.0	95.0	7.0
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 <sup>9</sup> /l	65	25	235	40	545	70
MPV fl	9.0	3.0	8.7	3.0	8.5	3.0
PCT %	0.06	0.05	0.20	0.10	0.46	0.20
PCT m/l	0.59	0.50	2.04	1.00	4.63	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-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	7.7	1.0	18.3	2.5
RBC 10 <sup>12</sup> /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	7.0	90.0	7.0	97.0	7.0
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 <sup>9</sup> /l	65	25	229	40	478	70
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-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	7.9	1.0	20.2	2.5
RBC 10 <sup>12</sup> /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	7.0	85.5	7.0	95.0	7.0
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 <sup>9</sup> /l	62	25	238	40	505	70
MPV fl	9.2	3.0	9.1	3.0	9.1	3.0
PCT %	0.06	0.05	0.22	0.10	0.46	0.20
PCT m/l	0.57	0.50	2.17	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	81.0	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-2300, BC-2100

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.5	7.9	1.0	20.5	2.5
RBC 10 <sup>12</sup> /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	6.0	35.0	6.0	38.5	8.0
Plts 10 <sup>9</sup> /l	58	20	240	40	535	60
MPV fl	10.0	3.0	9.8	3.0	10.0	3.0
PCT %	0.06	0.05	0.24	0.10	0.54	0.20
PCT m/l	0.58	0.50	2.35	1.00	5.35	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

LOT : 202

 : 2013-04-19

Diatron: Abacus, Arcus \*\*

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	1.9	0.4	7.5	0.8	19.5	2.0
RBC 10 <sup>12</sup> /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	7.0	88.9	7.0	98.0	7.0
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	5.0	14.8	5.0	14.8	5.0
Plts 10 <sup>9</sup> /l	53	25	247	40	522	70
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	0.20	1.85	0.30	3.95	0.40
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	5.0	7.0	3.0
GRAN %	35.2	7.0	61.2	1.0	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

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	7.9	0.8	20.4	2.0
RBC 10 <sup>12</sup> /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	7.0	88.0	7.0	100.0	7.0
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 <sup>9</sup> /l	68	25	261	40	548	70
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

\*\* 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 %	64.9	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

Avantor BENESPHERA™ 3

Parameters	LOW		NORMAL		HIGH	
	Mean	Range ±	Mean	Range ±	Mean	Range ±
WBC 10 <sup>9</sup> /l	2.0	0.4	7.7	0.8	19.4	2.0
RBC 10 <sup>12</sup> /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	7.0	85.0	7.0	93.0	7.0
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 <sup>9</sup> /l	58	25	245	40	490	70
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

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

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

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