

INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>ABBOTT CELL-DYN 1600/ ABBOTT CELL-DYN 1700 (1)</b>				
WBC	$10^9/L$	3.7 ± 0.6	10.0 ± 0.6	22.1 ± 2.5
LYMPH#	$10^9/L$	2.2 ± 0.6	5.0 ± 1.2	8.9 ± 2.0
LYMPH	%	60.6 ± 10.0	49.5 ± 10.0	40.1 ± 9.0
MID#	$10^9/L$	0.4 ± 0.3	0.6 ± 0.4	1.0 ± 1.0
MID	%	10.3 ± 8.0	6.3 ± 5.0	4.4 ± 3.0
GRAN#	$10^9/L$	1.1 ± 0.5	4.4 ± 0.7	12.2 ± 2.1
GRAN	%	29.1 ± 10.0	44.2 ± 5.0	55.5 ± 5.0
RBC	$10^{12}/L$	2.58 ± 0.15	4.28 ± 0.20	5.28 ± 0.25
HGB	g/L	72 ± 3	132 ± 4	174 ± 6
HCT	L/L	0.206 ± 0.027	0.383 ± 0.044	0.505 ± 0.056
MCV	fL	79.8 ± 6.0	89.5 ± 6.0	95.6 ± 6.0
MCH	pg	27.9 ± 2.8	30.8 ± 2.4	33.0 ± 2.7
MCHC	g/L	350 ± 62	345 ± 50	345 ± 50
RDW	%	18.5 ± 5.0	16.5 ± 5.0	16.3 ± 5.0
PLT	$10^9/L$	60 ± 15	235 ± 30	531 ± 70
MPV	fL	N/A ±	N/A	N/A

<b>ABBOTT CELL-DYN 1800 (1)</b>				
WBC	$10^9/L$	3.5 ± 0.6	9.8 ± 0.6	22.1 ± 2.5
LYMPH#	$10^9/L$	1.9 ± 0.6	4.5 ± 1.2	8.2 ± 2.0
LYMPH	%	55.1 ± 10.0	45.5 ± 10.0	37.1 ± 9.0
MID#	$10^9/L$	0.6 ± 0.3	1.1 ± 0.4	1.8 ± 1.0
MID	%	15.9 ± 8.0	10.8 ± 5.0	8.0 ± 3.0
GRAN#	$10^9/L$	1.0 ± 0.5	4.2 ± 0.7	12.1 ± 2.1
GRAN	%	29.0 ± 10.0	43.7 ± 5.0	54.9 ± 5.0
RBC	$10^{12}/L$	2.64 ± 0.15	4.28 ± 0.20	5.16 ± 0.25
HGB	g/L	72 ± 3	136 ± 4	178 ± 6
HCT	L/L	0.215 ± 0.028	0.391 ± 0.044	0.509 ± 0.056
MCV	fL	81.4 ± 6.0	91.4 ± 6.0	98.6 ± 6.0
MCH	pg	27.3 ± 2.7	31.8 ± 2.4	34.5 ± 2.8
MCHC	g/L	335 ± 59	348 ± 50	350 ± 51
RDW	%	17.8 ± 5.0	15.7 ± 5.0	15.1 ± 5.0
PLT	$10^9/L$	55 ± 15	230 ± 30	519 ± 60
MPV	fL	10.2 ± 1.5	9.8 ± 1.5	10.0 ± 1.5

<b>ABBOTT CELL-DYN 3500/3700</b>				
WBC (WIC)	$10^9/L$	3.3 ± 0.8	9.0 ± 2.0	19.0 ± 5.0
RBC	$10^{12}/L$	2.53 ± 0.15	4.21 ± 0.18	5.17 ± 0.20
HGB	g/L	69 ± 4	128 ± 5	168 ± 6
HCT	L/L	0.211 ± 0.028	0.388 ± 0.042	0.506 ± 0.051
MCV	fL	83.4 ± 6.0	92.2 ± 6.0	97.9 ± 6.0
MCH	pg	27.3 ± 3.2	30.4 ± 2.5	32.5 ± 2.4
MCHC	g/L	327 ± 63	330 ± 49	332 ± 46
RDW	%	18.4 ± 2.0	16.9 ± 2.2	16.9 ± 2.5
PLT	$10^9/L$	63 ± 18	235 ± 35	509 ± 60
MPV	fL	8 ± 2.0	7.2 ± 2.0	7.3 ± 2.0

<b>COULTER A-T DIFF/COULTER A-T DIFF2 (3-PART DIFF)</b>				
WBC	$10^9/L$	3.6 ± 0.6	10.0 ± 1.0	22.5 ± 2.5
RBC	$10^{12}/L$	2.52 ± 0.15	4.24 ± 0.20	5.24 ± 0.25
HGB	g/L	67 ± 3	126 ± 4	166 ± 6
HCT	L/L	0.200 ± 0.027	0.372 ± 0.043	0.490 ± 0.055
MCV	fL	79.4 ± 6.0	87.7 ± 6.0	93.5 ± 6.0
MCH	pg	26.6 ± 2.8	29.7 ± 2.4	31.7 ± 2.7
MCHC	g/L	335 ± 61	339 ± 51	339 ± 51
RDW	%	16.2 ± 5.0	14.4 ± 5.0	14.1 ± 5.0
PLT	$10^9/L$	51 ± 15	201 ± 30	433 ± 60
MPV	fL	8.9 ± 1.5	8.6 ± 1.5	8.8 ± 1.5
LYMPH	%	62.3 ± 10.0	53.1 ± 10.0	44.9 ± 10.0
MONO	%	13.8 ± 5.0	8.5 ± 5.0	5.7 ± 4.0
GRAN	%	23.9 ± 8.0	38.4 ± 10.0	49.4 ± 10.0
LYMPH#	$10^9/L$	2.2 ± 0.5	5.3 ± 0.8	10.1 ± 1.5
MONO#	$10^9/L$	0.5 ± 0.3	0.9 ± 0.6	1.3 ± 1.0
GRAN#	$10^9/L$	0.9 ± 0.4	3.8 ± 1.0	11.1 ± 2.0

<b>COULTER Ac.T 5DIFF</b>				
WBC	$10^9/L$	3.3 ± 0.6	9.5 ± 1.0	21.7 ± 2.5
RBC	$10^{12}/L$	2.48 ± 0.15	4.18 ± 0.20	5.07 ± 0.25
HGB	g/L	67 ± 3	125 ± 4	162 ± 6
HCT	L/L	0.186 ± 0.026	0.348 ± 0.042	0.455 ± 0.053
MCV	fL	75 ± 6	83 ± 6	90 ± 6
MCH	pg	27.0 ± 2.9	29.9 ± 4	32.0 ± 2.8
MCHC	g/L	360 ± 68	359 ± 55	356 ± 55
RDW	%	15.7 ± 5.0	13.9 ± 5.0	13.4 ± 5.0
PLT	$10^9/L$	58 ± 15	223 ± 30	473 ± 60
MPV	fL	9.6 ± 1.5	8.6 ± 1.5	8.6 ± 1.5

<b>COULTER S PLUS IV.V.VI (3-PART DIFF)/STKR</b>				
WBC	$10^9/L$	3.4 ± 0.6	9.3 ± 0.6	20.9 ± 2.5
RBC	$10^{12}/L$	2.51 ± 0.15	4.25 ± 0.20	5.18 ± 0.25
HGB	g/L	69 ± 3	127 ± 4	164 ± 6
HCT	L/L	0.197 ± 0.020	0.369 ± 0.030	0.486 ± 0.040
MCV	fL	78.4 ± 6.0	86.7 ± 6.0	93.8 ± 6.0
MCH	pg	27.5 ± 1.5	29.8 ± 1.5	31.6 ± 1.5
MCHC	g/L	351 ± 30	344 ± 25	338 ± 25
RDW	%	16.5 ± 5.0	15.3 ± 5.0	15.0 ± 5.0
PLT	$10^9/L$	47 ± 15	186 ± 30	381 ± 60
MPV	fL	7.8 ± 1.5	7.5 ± 1.5	7.5 ± 1.5
LYMPH	%	67.5 ± 10.0	57.2 ± 8.0	49.7 ± 8.0
MONO	%	11.6 ± 6.0	7.3 ± 5.0	5.1 ± 4.0
GRAN	%	20.9 ± 7.0	35.1 ± 6.0	44.9 ± 6.0
LYMPH#	$10^9/L$	2.3 ± 0.4	5.3 ± 0.7	10.3 ± 1.5
MONO#	$10^9/L$	0.4 ± 0.3	0.7 ± 0.4	1.0 ± 0.8
GRAN#	$10^9/L$	0.7 ± 0.4	3.3 ± 0.7	9.5 ± 1.5



INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>ABBOTT CELL-DYN EMERALD</b>				
WBC	$10^9/L$	3.4 ± 0.4	9.3 ± 1.0	20.4 ± 2.0
LYMPH#	$10^9/L$	2.1 ± 0.2	4.6 ± 0.3	8.3 ± 0.7
LYMPH	%	60.2 ± 0.4	0.7 ± 0.4	1.0 ± 0.8
GRAN#	$10^9/L$	0.9 ± 0.5	4.0 ± 1.3	11.1 ± 2.6
LYMPH	%	60.2 ± 4.0	49.5 ± 3.0	40.5 ± 3.0
MID	%	12.2 ± 4.0	7.6 ± 3.0	4.9 ± 3.0
GRAN	%	27.6 ± 5.0	42.9 ± 5.0	54.6 ± 4.0
RBC	$10^{12}/L$	2.5 ± 0.15	4.18 ± 0.18	5.12 ± 0.20
HGB	g/L	69 ± 4	130 ± 5	170 ± 6
HCT	L/L	0.213 ± 0.028	0.392 ± 0.034	0.513 ± 0.041
MCV	fL	85.2 ± 6.0	93.8 ± 4.0	100.2 ± 4.0
MCH	pg	27.6 ± 3.3	31.1 ± 2.5	33.2 ± 2.5
MCHC	g/L	324 ± 62	332 ± 41	331 ± 38
RDW	%	15.6 ± 2.0	13.6 ± 2.2	13.5 ± 2.5
PLT	$10^9/L$	54 ± 18	227 ± 35	468 ± 60
MPV	fL	8.9 ± 2.0	8.3 ± 2.0	8.4 ± 2.0

<b>ABX MICROS 60</b>				
WBC	$10^9/L$	3.4 ± 0.6	9.4 ± 0.6	21.0 ± 2.5
RBC	$10^{12}/L$	2.44 ± 0.15	4.16 ± 0.20	5.10 ± 0.25
HGB	g/L	67 ± 5	124 ± 6	162 ± 7
HCT	L/L	0.194 ± 0.026	0.351 ± 0.042	0.464 ± 0.053
MCV	fL	75.4 ± 6.0	84.4 ± 6.0	91.0 ± 6.0
MCH	pg	27.5 ± 3.8	29.8 ± 2.9	31.8 ± 2.9
MCHC	g/L	364 ± 80	353 ± 60	349 ± 56
PLT	$10^9/L$	70 ± 20	247 ± 40	503 ± 80
MPV	fL	8.3 ± 1.5	7.8 ± 1.5	7.8 ± 1.5
RDW	%	14.3 ± 5.0	12.8 ± 5.0	12.6 ± 5.0
LYMPH	%	66.1 ± 10.0	54.1 ± 10.0	45.9 ± 8.0
MONO	%	8.3 ± 6.0	5.7 ± 5.7	4.4 ± 4.4
GRAN	%	25.6 ± 8.0	40.5 ± 10.0	50.3 ± 10.0
LYMPH#	$10^9/L$	2.2 ± 0.5	5.1 ± 0.7	9.6 ± 1.5
MONO#	$10^9/L$	0.3 ± 0.2	0.5 ± 0.3	0.9 ± 0.9
GRAN#	$10^9/L$	0.9 ± 0.8	3.8 ± 1.0	10.6 ± 3.0

<b>ABX PENTRA 80 / 80XL</b>				
WBC	$10^9/L$	3.4 ± 0.6	9.7 ± 0.6	22.1 ± 2.5
RBC	$10^{12}/L$	2.45 ± 0.15	4.18 ± 0.20	5.11 ± 0.25
HGB	g/L	67 ± 5	128 ± 6	168 ± 7
HCT	L/L	0.191 ± 0.026	0.353 ± 0.042	0.459 ± 0.053
MCV	fL	78.0 ± 6.0	84.4 ± 6.0	89.8 ± 6.0
MCH	pg	27.3 ± 3.7	30.6 ± 2.9	32.9 ± 3.0
MCHC	g/L	351 ± 76	363 ± 61	366 ± 58
RDW	%	54 ± 20	220 ± 40	470 ± 80
MPV	fL	9.8 ± 1.5	9.0 ± 1.5	9.1 ± 1.5
RDW	%	15.1 ± 5.0	14.1 ± 5.0	13.8 ± 5.0

<b>AUXILIARY METHODS</b>				
MANUAL HCT	L/L	0.173 ± 0.015	0.327 ± 0.030	0.429 ± 0.040

<b>COULTER MD SERIES (1)</b>				
WBC	$10^9/L$	3.4 ± 0.6	9.4 ± 0.6	20.9 ± 2.5
RBC	$10^{12}/L$	2.51 ± 0.15	4.31 ± 0.20	5.21 ± 0.25
HGB	g/L	68 ± 3	127 ± 4	166 ± 6
HCT	L/L	0.3184 ± 0.020	0.374 ± 0.030	0.486 ± 0.040
MCV	fL	78.4 ± 6.0	86.6 ± 6.0	93.2 ± 6.0
MCH	pg	27.1 ± 1.5	29.4 ± 1.5	31.8 ± 1.5
MCHC	g/L	346 ± 30	340 ± 25	342 ± 25
RDW	%	16.3 ± 5.0	14.8 ± 5.0	14.9 ± 5.0
PLT	$10^9/L$	44 ± 15	177 ± 30	343 ± 60
MPV	fL	7.7 ± 1.5	7.5 ± 1.5	7.5 ± 1.5
LYMPH	%	64.1 ± 8.0	53.1 ± 7.0	44.3 ± 6.0
MONO	%	12.1 ± 6.0	7.6 ± 3.0	5.4 ± 2.0
GRAN	%	23.8 ± 8.0	38.9 ± 6.0	50.0 ± 6.0
LYMPH#	$10^9/L$	2.1 ± 0.3	5.0 ± 0.7	9.3 ± 1.3
MONO#	$10^9/L$	0.5 ± 0.3	0.7 ± 0.4	1.0 ± 0.6
GRAN#	$10^9/L$	0.8 ± 0.3	3.7 ± 0.7	10.5 ± 3.0

<b>COULTER STKS/ MAXM HmX</b>				
WBC	$10^9/L$	3.5 ± 0.6	10.0 ± 0.6	22.5 ± 2.5
RBC	$10^{12}/L$	2.56 ± 0.15	4.28 ± 0.20	5.20 ± 0.25
HGB	g/L	69 ± 3	128 ± 4	167 ± 6
HCT	L/L	0.201 ± 0.027	0.372 ± 0.043	0.485 ± 0.053
MCV	fL	78.5 ± 6.0	86.9 ± 6.0	93.3 ± 6.0
MCH	pg	27.0 ± 2.8	29.9 ± 2.3	32.1 ± 2.7
MCHC	g/L	343 ± 62	344 ± 51	344 ± 52
RDW	%	16.4 ± 5.0	14.5 ± 5.0	14.3 ± 5.0
PLT	$10^9/L$	51 ± 15	195 ± 30	422 ± 60
MPV	fL	9.2 ± 1.5	8.8 ± 1.5	8.8 ± 1.5

<b>COULTER LH SERIES</b>				
WBC	$10^9/L$	3.7 ± 0.6	10.2 ± 0.6	22.7 ± 2.5
RBC	$10^{12}/L$	2.51 ± 0.15	4.18 ± 0.20	5.09 ± 0.25
HGB	g/L	74 ± 3	123 ± 4	159 ± 6
HCT	L/L	0.198 ± 0.027	0.368 ± 0.043	0.482 ± 0.054
MCV	fL	78.9 ± 6.0	88.0 ± 6.0	94.7 ± 6.0
MCH	pg	29.5 ± 3.0	29.4 ± 2.4	31.2 ± 2.7
MCHC	g/L	374 ± 67	334 ± 50	330 ± 50
RDW	%	17.8 ± 5.0	15.6 ± 5.0	15.3 ± 5.0
RDW-SD	fL	N/A	N/A	N/A
PLT	$10^9/L$	52 ± 15	197 ± 30	428 ± 60
MPV	fL	9.0 ± 1.5	8.5 ± 1.5	8.6 ± 1.5

INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>MINDRAY BC-1800/BC-3000 PLUS (software lower than 5.0)</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.6	9.7 ± 0.6	21.2 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.0 ± 0.6	4.8 ± 1.2	8.4 ± 2.0
MID#	10 <sup>9</sup> /L	0.4 ± 0.2	0.5 ± 0.3	0.7 ± 0.7
GRAN#	10 <sup>9</sup> /L	1.0 ± 0.5	4.4 ± 1.0	12.2 ± 3.5
LYMPH	%	61.8 ± 10.0	50.0 ± 9.0	39.4 ± 6.0
MID	%	10.7 ± 6.0	5.3 ± 5.0	3.1 ± 2.9
GRAN	%	27.5 ± 10.0	44.4 ± 7.0	57.8 ± 8.0
RBC	10 <sup>12</sup> /L	2.4 ± 0.20	4.1 ± 0.20	5.2 ± 0.25
HGB	g/L	73 ± 4	139 ± 5	185 ± 6
HCT	L/L	0.195 ± 0.020	0.368 ± 0.030	0.501 ± 0.040
MCV	fL	81.1 ± 6	90.1 ± 6	96.7 ± 6
MCH	pg	30.6 ± 2.0	33.7 ± 2.0	35.8 ± 2.0
MCHC	g/L	374 ± 30	376 ± 30	369 ± 30
RDW-CV	%	14.6 ± 5.0	13.9 ± 5.0	13.9 ± 5.0
PLT	10 <sup>9</sup> /L	66 ± 18	232 ± 30	500 ± 60
MPV	fL	9.4 ± 1.5	8.1 ± 1.5	7.6 ± 1.5

<b>MINDRAY BC-3000 CT/BC-3200/BC-3000 PLUS (software 5.0 or higher)</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.6	9.2 ± 0.6	20.1 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.1 ± 0.6	4.7 ± 1.2	8.8 ± 2.0
MID#	10 <sup>9</sup> /L	0.4 ± 0.1	0.7 ± 0.3	0.9 ± 0.5
GRAN#	10 <sup>9</sup> /L	0.9 ± 0.5	3.8 ± 1.0	10.4 ± 3.5
LYMPH	%	62.6 ± 10.0	50.7 ± 9.0	43.3 ± 6.0
MID	%	9.9 ± 9.9	4.6 ± 4.6	2.2 ± 2.2
GRAN	%	27.5 ± 10.0	41.1 ± 7.0	52.0 ± 8.0
RBC	10 <sup>12</sup> /L	2.5 ± 0.20	4.18 ± 0.20	5 ± 0.25
HGB	g/L	85 ± 4	124 ± 5	166 ± 6
HCT	L/L	0.202 ± 0.020	0.384 ± 0.030	0.486 ± 0.040
MCV	fL	80.7 ± 6	91.7 ± 6	96.6 ± 6
MCH	pg	26.1 ± 2.0	29.7 ± 2.0	32.8 ± 2.0
MCHC	g/L	325 ± 30	326 ± 30	338 ± 30
RDW-CV	%	15.6 ± 5.0	14.0 ± 5.0	13.8 ± 5.0
PLT	10 <sup>9</sup> /L	50 ± 18	211 ± 30	440 ± 60
MPV	fL	8.6 ± 1.5	8.1 ± 1.5	8.1 ± 1.5

<b>MINDRAY BC-2800/BC-2600 (software 2.0 or higher)</b>				
WBC	10 <sup>9</sup> /L	3.5 ± 0.6	10.0 ± 0.6	23.2 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.7 ± 0.6	6.0 ± 1.2	11.9 ± 2.0
MID#	10 <sup>9</sup> /L	0.2 ± 0.2	0.4 ± 0.5	1.2 ± 1.3
GRAN#	10 <sup>9</sup> /L	0.6 ± 0.5	3.6 ± 1.0	10.3 ± 3.5
LYMPH	%	78.3 ± 10.0	61.6 ± 9.0	54.2 ± 6.0
MID	%	6.1 ± 5.0	3.5 ± 3.6	4.6 ± 3.5
GRAN	%	15.6 ± 10.0	35.2 ± 7.0	41.8 ± 8.0
RBC	10 <sup>12</sup> /L	2.5 ± 0.20	4.22 ± 0.20	5.13 ± 0.25
HGB	g/L	76 ± 4	143 ± 5	186 ± 13
HCT	L/L	0.205 ± 0.020	0.38 ± 0.030	0.5 ± 0.040
MCV	fL	81.7 ± 8	90.4 ± 9	97.1 ± 8
MCH	pg	30.6 ± 2.0	33.8 ± 2.0	36.2 ± 2.0
MCHC	g/L	373 ± 30	376 ± 30	372 ± 30
RDW-CV	%	17.3 ± 5.0	15.6 ± 5.0	15.7 ± 5.0
PLT	10 <sup>9</sup> /L	69 ± 18	241 ± 30	526 ± 60
MPV	fL	9.7 ± 1.5	8.4 ± 1.5	8.4 ± 1.5

<b>SYSMEX XS-1000i</b>				
WBC	10 <sup>9</sup> /L	3.1 ± 0.5	9.2 ± 0.7	21.3 ± 2.0
RBC	10 <sup>12</sup> /L	2.9 ± 0.15	4.27 ± 0.24	5.24 ± 0.30
HGB	g/L	67 ± 4	129 ± 5	169 ± 6
HCT	L/L	0.210 ± 0.028	0.391 ± 0.043	0.511 ± 0.055
MCV	fL	84 ± 6	92 ± 5	98 ± 5
MCH	pg	26.7 ± 3.2	30.2 ± 2.9	32.4 ± 3.0
MCHC	g/L	319 ± 62	330 ± 50	331 ± 48
RDW-SD	fL	50.7 ± 10.0	49.0 ± 10.0	52.2 ± 10.0
RDW-CV	%	17.1 ± 5.0	15.3 ± 5.0	15.6 ± 5.0
PLT	10 <sup>9</sup> /L	57 ± 25	215 ± 40	465 ± 60
MPV	fL	8.7 ± 3.0	8.7 ± 3.0	9.0 ± 3.0

<b>SYSMEX XT-1800i / XT-2000i (OPEN-TUBE SAMPLING)</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.5	9.7 ± 0.7	22.2 ± 2.0
RBC	10 <sup>12</sup> /L	2.5 ± 0.15	4.24 ± 0.24	5.2 ± 0.30
HGB	g/L	68 ± 4	127 ± 5	167 ± 6
HCT	L/L	0.208 ± 0.027	0.379 ± 0.043	0.491 ± 0.054
MCV	fL	83 ± 6	89 ± 5	94 ± 5
MCH	pg	27.2 ± 3.2	30.0 ± 2.9	32.1 ± 3.0
MCHC	g/L	327 ± 64	335 ± 62	340 ± 50
RDW-SD	fL	47.1 ± 10.0	46.6 ± 10.0	50.8 ± 10.0
RDW-CV	%	16.6 ± 5.0	14.9 ± 5.0	15.4 ± 5.0
PLT	10 <sup>9</sup> /L	55 ± 25	219 ± 40	482 ± 60
MPV	fL	9.9 ± 3.0	9.2 ± 3.0	9.2 ± 3.0

<b>SYSMEX XE-2100 / XE-5000 (OPEN-TUBE SAMPLING)</b>				
WBC	10 <sup>9</sup> /L	3.3 ± 0.5	9.5 ± 0.8	21.4 ± 2.0
RBC	10 <sup>12</sup> /L	2.57 ± 0.15	4.26 ± 0.24	5.16 ± 0.30
HGB	g/L	68 ± 4	128 ± 5	168 ± 6
HCT	L/L	0.211 ± 0.028	0.383 ± 0.043	0.494 ± 0.055
MCV	fL	82 ± 6	90 ± 5	96 ± 5
MCH	pg	26.5 ± 3.1	30.0 ± 2.9	32.6 ± 3.1
MCHC	g/L	322 ± 62	334 ± 51	340 ± 50
RDW-SD	fL	50.1 ± 10.0	48.1 ± 10.0	51.9 ± 10.0
RDW-CV	%	16.9 ± 5.0	15.0 ± 5.0	15.2 ± 5.0
PLT	10 <sup>9</sup> /L	52 ± 25	201 ± 40	445 ± 60
MPV	fL	9.2 ± 3.0	8.9 ± 3.0	9.2 ± 3.0



INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>MINDRAY BC-2800/BC-2600 VET (SOFTWARE VERSION LOWER THAN 2.0)</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.4	9.7 ± 0.6	22.5 ± 2.5
RBC	10 <sup>12</sup> /L	2.38 ± 0.20	4.07 ± 0.20	5.17 ± 0.25
HGB	g/L	74 ± 4	140 ± 5	187 ± 6
HCT	L/L	0.197 ± 0.020	0.368 ± 0.030	0.503 ± 0.040
MCV	fL	83.1 ± 6	91.1 ± 6	96.7 ± 6
MCH	pg	31.2 ± 2.0	34.1 ± 2.0	36.1 ± 2.0
MCHC	g/L	375 ± 30	378 ± 30	372 ± 30
PLT	10 <sup>9</sup> /L	39 ± 18	214 ± 30	526 ± 60
<b>MINDRAY BC-2800/BC-2600 VET (SOFTWARE VERSION 2.0 OR HIGHER)</b>				
WBC	10 <sup>9</sup> /L	3.2 ± 0.4	9.1 ± 0.6	21.1 ± 2.5
RBC	10 <sup>12</sup> /L	2.42 ± 0.20	4.05 ± 0.20	5.12 ± 0.25
HGB	g/L	75 ± 4	142 ± 5	190 ± 6
HCT	L/L	0.195 ± 0.020	0.357 ± 0.030	0.49 ± 0.040
MCV	fL	80.1 ± 6	89.1 ± 6	94.7 ± 6
MCH	pg	31.1 ± 2.0	34.7 ± 2.0	37 ± 2.0
MCHC	g/L	383 ± 30	393 ± 30	387 ± 30
PLT	10 <sup>9</sup> /L	50 ± 18	242 ± 30	539 ± 60

<b>ERMA PCE 210</b>				
WBC	10 <sup>9</sup> /L	3.3 ± 0.3	9 ± 0.6	20.8 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.2 ± 0.3	4.6 ± 0.7	7.9 ± 1.3
MID#	10 <sup>9</sup> /L	0.3 ± 0.1	0.3 ± 0.3	0.5 ± 0.5
GRAN#	10 <sup>9</sup> /L	0.3 ± 0.3	4.1 ± 0.7	12.5 ± 3.0
LYMPH	%	68.7 ± 8.0	50.3 ± 7.0	38.0 ± 6.0
MID	%	4.5 ± 1.6	3.7 ± 2.9	2.1 ± 2.0
GRAN	%	26.8 ± 8.0	46.1 ± 6.0	59.8 ± 6.0
RBC	10 <sup>12</sup> /L	2.7 ± 0.15	4.32 ± 0.20	5.2 ± 0.25
HGB	g/L	66 ± 3	122 ± 4	161 ± 6
HCT	L/L	0.217 ± 0.020	0.396 ± 0.030	0.556 ± 0.040
MCV	fL	80.1 ± 6.0	91.1 ± 6.0	97.2 ± 6.0
MCH	pg	24.7 ± 1.5	28.3 ± 1.5	31 ± 1.5
MCHC	g/L	310 ± 30.0	313 ± 25.0	319 ± 25.0
RDW	%	13.6 ± 5.0	12.5 ± 5.0	12.5 ± 5.0
PLT	10 <sup>9</sup> /L	63 ± 15	226 ± 30	452 ± 60
MPV	fL	9.4 ± 1.5	6.9 ± 1.5	8.6 ± 1.5

<b>NIHON KOHDEN CELLTAC ALPHA MEK 6318 K</b>				
WBC	10 <sup>9</sup> /L	3.2 ± 0.4	9.4 ± 0.9	20.9 ± 2.5
RBC	10 <sup>12</sup> /L	2.45 ± 0.20	4.07 ± 0.20	4.93 ± 0.25
HGB	g/L	69 ± 4	128 ± 7	167 ± 9
HCT	L/L	0.197 ± 0.020	0.363 ± 0.030	0.47 ± 0.040
MCV	fL	80.2 ± 6.0	89.1 ± 7.0	95.3 ± 6.0
MCH	pg	28.2 ± 2.0	31.4 ± 2.0	33.9 ± 2.0
MCHC	g/L	351 ± 30	352 ± 30	355 ± 30
PLT	10 <sup>9</sup> /L	58 ± 10	237 ± 40	538 ± 80
LYMPH	%	75.1 ± 10	63.8 ± 10	58.5 ± 10
MONO	%	7.7 ± 6.0	4.6 ± 4.3	3.3 ± 2.7
GRAN	%	17.2 ± 10.0	32.0 ± 10.0	39.0 ± 10.0
LYMPH#	10 <sup>9</sup> /L	2.3 ± 0.6	6.1 ± 1.2	12.2 ± 2.0
MONO#	10 <sup>9</sup> /L	0.4 ± 0.3	0.4 ± 0.5	0.6 ± 0.6
GRAN#	10 <sup>9</sup> /L	0.6 ± 0.5	2.9 ± 1.0	8.2 ± 3.5
RDW	%	14.5 ± 5.0	13.0 ± 5.0	12.8 ± 5.0
MPV	fL	6.8 ± 1.5	5.6 ± 1.5	5.9 ± 1.5

<b>DANAM DATACELL 16CP/11800</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.6	9.7 ± 0.6	22.1 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.3 ± 0.4	5.1 ± 0.8	9.8 ± 2.0
MID#	10 <sup>9</sup> /L	0.3 ± 0.2	0.6 ± 0.4	1.0 ± 0.9
GRAN#	10 <sup>9</sup> /L	0.8 ± 0.5	4.0 ± 1.0	11.2 ± 2.0
LYMPH	%	65.6 ± 8.0	52.8 ± 7.0	45.0 ± 6.0
MID	%	10.6 ± 5.0	6.8 ± 4.0	4.8 ± 3.0
GRAN	%	23.8 ± 7.0	40.4 ± 6.0	50.1 ± 6.0
RBC	10 <sup>12</sup> /L	2.70 ± 0.15	4.54 ± 0.20	5.53 ± 0.25
HGB	g/L	68 ± 3	131 ± 4	170 ± 6
HCT	L/L	0.217 ± 0.020	0.409 ± 0.030	0.535 ± 0.040
MCV	fL	79.9 ± 6.0	89.8 ± 6.0	96.5 ± 6.0
MCH	pg	25.1 ± 1.5	28.8 ± 1.5	30.6 ± 1.5
MCHC	g/L	316 ± 30	321 ± 25	319 ± 25
RDW	%	12.3 ± 5.0	10.8 ± 5.0	11.1 ± 5.0
PLT(2)	10 <sup>9</sup> /L	75 ± 15	265 ± 30	566 ± 60
MPV	fL	8.4 ± 1.5	8.2 ± 1.5	8.2 ± 1.5

<b>DANAM DATACELL 18/18MS/18MS PLUS</b>				
WBC	10 <sup>9</sup> /L	3.4 ± 0.6	9.5 ± 0.6	21.2 ± 2.5
LYMPH#	10 <sup>9</sup> /L	2.3 ± 0.4	5.3 ± 0.8	10.0 ± 2.0
MID#	10 <sup>9</sup> /L	0.3 ± 0.2	0.6 ± 0.4	1.0 ± 1.0
GRAN#	10 <sup>9</sup> /L	0.8 ± 0.5	3.6 ± 1.0	10.1 ± 2.0
LYMPH	%	66.8 ± 8.0	55.6 ± 7.0	47.7 ± 6.0
MID	%	10.4 ± 5.0	7.0 ± 4.0	4.8 ± 3.0
GRAN	%	22.8 ± 7.0	37.4 ± 6.0	47.4 ± 6.0
RBC	10 <sup>12</sup> /L	2.51 ± 0.20	4.25 ± 0.20	5.23 ± 0.25
HGB	g/L	68 ± 3	127 ± 4	166 ± 6
HCT	L/L	0.205 ± 0.020	0.389 ± 0.030	0.511 ± 0.040
MCV	fL	81.4 ± 6.0	91.3 ± 6.0	97.6 ± 6.0
MCH	pg	27.1 ± 1.5	29.8 ± 1.5	31.8 ± 2.0
MCHC	g/L	335 ± 30	327 ± 25	326 ± 25
RDW	%	11.8 ± 5.0	10.4 ± 5.0	10.4 ± 5.0
PLT(2)	10 <sup>9</sup> /L	62 ± 15	224 ± 30	485 ± 60
MPV	fL	7.7 ± 1.5	7.5 ± 1.5	7.5 ± 1.5

INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>ORPHEE MYTHIC 18*</b>				
WBC	10 <sup>9</sup> /L	4,1 ± 0,3	10,1 ± 0,5	23,1 ± 1,5
RBC	10 <sup>12</sup> /L	2,62 ± 0,15	4,42 ± 0,15	5,40 ± 0,20
HGB	g/L	68 ± 3	124 ± 4	162 ± 5
HCT	L/L	0,207 ± 0,015	0,380 ± 0,025	0,490 ± 0,035
MCV	fL	78,7 ± 3,0	86,1 ± 3,0	92,7 ± 3,0
MCH	pg	26,5 ± 2,0	28,0 ± 2,0	30,5 ± 2,5
MCHC	g/L	340 ± 30	304 ± 30	319 ± 33
PLT	10 <sup>9</sup> /L	97 ± 15	269 ± 25	554 ± 45
MPV	fL	8,6 ± 1,5	8,7 ± 2,0	9,1 ± 2,0
RDW	%	17,3 ± 2,5	15,8 ± 2,1	15,7 ± 2,3
LYMPH	%	67,2 ± 8,0	54,7 ± 7,0	48,4 ± 6,0
MONO	%	2,4 ± 0,3	2,9 ± 2,4	1,9 ± 1,4
GRAN	%	30,5 ± 7,0	42,7 ± 6,0	50,4 ± 6,0
LYMPH#	10 <sup>9</sup> /L	2,7 ± 0,3	5,5 ± 0,7	10,5 ± 1,3
MONO#	10 <sup>9</sup> /L	0,1 ± 0,1	0,4 ± 0,3	0,5 ± 0,4
GRAN#	10 <sup>9</sup> /L	1,3 ± 0,3	4,3 ± 0,6	12,3 ± 1,3
<b>UNIVERSAL RANGES</b>				
WBC	10 <sup>9</sup> /L	3,5 ± 0,9	8,3 ± 2,2	19,2 ± 5,8
LYMPH#	10 <sup>9</sup> /L	2,1 ± 0,9	5,3 ± 2,0	10,2 ± 4,0
MID#	10 <sup>9</sup> /L	0,5 ± 0,4	0,7 ± 0,7	1,5 ± 1,5
GRAN#	10 <sup>9</sup> /L	0,9 ± 0,8	3,5 ± 1,9	10,1 ± 5,9
RBC	10 <sup>12</sup> /L	2,52 ± 0,34	4,19 ± 0,40	5,16 ± 0,55
HGB	g/L	68 ± 10	131 ± 15	174 ± 21
MCV	fL	81 ± 11	89 ± 10	94 ± 10
PLT	10 <sup>9</sup> /L	65 ± 46	220 ± 79	455 ± 206



2015-02-02



INSTRUMENT		1246L	1246N	1246H
SI	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE	MEAN EXP. RANGE
<b>MEDONIC CA 620*</b>				
WBC	10 <sup>9</sup> /L	3,0 ± 0,3	6,7 ± 0,5	12,0 ± 1,5
RBC	10 <sup>12</sup> /L	2,52 ± 0,15	4,32 ± 0,15	5,18 ± 0,20
HGB	g/L	70 ± 3	130 ± 4	166 ± 5
HCT	L/L	0,198 ± 0,015	0,384 ± 0,025	0,498 ± 0,035
MCV	fL	78,4 ± 3,0	88,6 ± 3,0	96,0 ± 3,0
MCH	pg	27,9 ± 2,0	30,0 ± 2,0	31,9 ± 2,5
MCHC	g/L	355 ± 30	338 ± 30	332 ± 33
PLT	10 <sup>9</sup> /L	51 ± 15	223 ± 25	508 ± 45
MPV	fL	8,8 ± 1,5	8,3 ± 2,0	8,5 ± 2,0
RDW	%	13,9 ± 2,5	13,3 ± 2,1	13,9 ± 2,3
LYMPH	%	N/A	N/A	N/A
MONO	%	N/A	N/A	N/A
GRAN	%	N/A	N/A	N/A
LYMPH#	10 <sup>9</sup> /L	N/A	N/A	N/A
MONO#	10 <sup>9</sup> /L	N/A	N/A	N/A
GRAN#	10 <sup>9</sup> /L	N/A	N/A	N/A
<b>SWELAB AC 920*</b>				
WBC	10 <sup>9</sup> /L	3,2 ± 0,3	9,0 ± 0,5	19,7 ± 1,5
RBC	10 <sup>12</sup> /L	2,40 ± 0,15	4,08 ± 0,15	5,05 ± 0,20
HGB	g/L	65 ± 3	128 ± 4	171 ± 5
HCT	L/L	0,192 ± 0,015	0,363 ± 0,025	0,478 ± 0,035
MCV	fL	80,0 ± 3,0	89,0 ± 3,0	94,7 ± 3,0
MCH	pg	27,1 ± 2,0	31,4 ± 2,0	33,9 ± 2,5
MCHC	g/L	339 ± 30	353 ± 30	359 ± 33
PLT	10 <sup>9</sup> /L	55 ± 15	218 ± 25	502 ± 45
MPV	fL	6,6 ± 1,5	6,7 ± 2,0	6,9 ± 2,0
RDW	%	16,9 ± 2,5	15,6 ± 2,1	15,8 ± 2,3
LYMPH	%	68,4 ± 8,0	58,3 ± 7,0	50,2 ± 6,0
MONO	%	8,1 ± 0,3	4,9 ± 2,4	3,0 ± 1,4
GRAN	%	23,4 ± 7,0	36,9 ± 6,0	46,8 ± 6,0
LYMPH#	10 <sup>9</sup> /L	2,2 ± 0,3	5,2 ± 0,7	9,7 ± 1,3
MONO#	10 <sup>9</sup> /L	0,3 ± 0,1	0,5 ± 0,3	0,7 ± 0,4
GRAN#	10 <sup>9</sup> /L	0,7 ± 0,3	3,4 ± 0,6	9,3 ± 1,3

\*Expected results obtained with LABEX Reagents