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编制：郭罕星 日期：2024.08.28		审核：刘金盈 日期：2024.08.28		批准：郑剑通 日期：2024.08.28	
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由试剂研发					

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL
 2024-08-13

 2024-11-10

Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	3.44 ± 0.50	8.10 ± 1.00	18.88 ± 2.50
	Neu%	%	49.9 ± 9.0	56.9 ± 8.0	66.3 ± 7.0
	Lym%	%	39.1 ± 9.0	30.5 ± 8.0	19.9 ± 6.0
	Mon%	%	6.5 ± 4.0	6.0 ± 5.0	6.0 ± 6.0
	Eos%	%	4.5 ± 4.5	6.6 ± 6.0	7.8 ± 7.0
	Bas%	%	63.3 ± 8.0	71.9 ± 8.0	82.5 ± 8.0
	Neu#	$\times 10^9/L$	1.72 ± 0.40	4.61 ± 0.70	12.52 ± 1.40
	Lym#	$\times 10^9/L$	1.35 ± 0.40	2.47 ± 0.70	3.76 ± 1.10
	Mon#	$\times 10^9/L$	0.22 ± 0.14	0.49 ± 0.49	1.13 ± 1.10
	Eos#	$\times 10^9/L$	0.15 ± 0.15	0.53 ± 0.50	1.47 ± 1.30
	Bas#	$\times 10^9/L$	2.18 ± 0.30	5.82 ± 0.70	15.57 ± 1.50
	RBC	$\times 10^{12}/L$	2.23 ± 0.18	4.45 ± 0.24	5.10 ± 0.50
	HGB	g/L	57 ± 4	130 ± 6	164 ± 8
	HCT	%	18.6 ± 2.0	41.4 ± 3.0	51.5 ± 4.0
	MCV	fL	83.5 ± 5.0	92.9 ± 5.0	101.1 ± 6.0
	MCH	pg	25.5 ± 2.5	29.3 ± 2.5	32.3 ± 2.5
	MCHC	g/L	312 ± 30	319 ± 30	324 ± 30
	RDW-CV	%	18.6 ± 3.0	17.0 ± 3.0	15.6 ± 3.0
	RDW-SD	fL	54.3 ± 10.0	54.9 ± 10.0	55.0 ± 12.0
	PLT	$\times 10^9/L$	51 ± 20	276 ± 40	511 ± 60
	MPV	fL	10.1 ± 3.0	9.6 ± 3.0	9.5 ± 3.0
	PDW	fL	10.8 ± 3.0	11.5 ± 3.0	11.2 ± 3.0
	PCT	%	0.052 ± 0.050	0.265 ± 0.100	0.485 ± 0.200
P-LCR	%	25.2 ± 8.0	24.1 ± 8.0	23.3 ± 8.0	
P-LCC	$\times 10^9/L$	13 ± 13	67 ± 25	120 ± 35	
PDW	/	10.0 ± 3.0	10.0 ± 3.0	10.0 ± 3.0	


【NOTE】


1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	3.69 ± 0.50	8.94 ± 1.00	20.79 ± 2.50
	Neu%	%	49.1 ± 9.0	55.6 ± 8.0	65.9 ± 7.0
	Lym%	%	38.7 ± 9.0	30.0 ± 8.0	19.0 ± 6.0
	Mon%	%	6.9 ± 4.0	6.8 ± 5.0	6.6 ± 6.0
	Eos%	%	5.3 ± 5.0	7.6 ± 6.0	8.5 ± 7.0
	Bas%	%	64.1 ± 8.0	72.4 ± 8.0	82.6 ± 8.0
	Neu#	$\times 10^9/L$	1.81 ± 0.40	4.97 ± 0.70	13.70 ± 1.40
	Lym#	$\times 10^9/L$	1.43 ± 0.40	2.68 ± 0.70	3.95 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.61 ± 0.50	1.37 ± 1.10
	Eos#	$\times 10^9/L$	0.20 ± 0.15	0.68 ± 0.50	1.77 ± 1.30
	Bas#	$\times 10^9/L$	2.36 ± 0.30	6.48 ± 0.70	17.17 ± 1.50
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.53 ± 0.24	5.20 ± 0.50
	HGB	g/L	56 ± 4	130 ± 6	164 ± 8
	HCT	%	18.2 ± 2.0	40.1 ± 3.0	49.9 ± 4.0
	MCV	fL	80.4 ± 5.0	88.6 ± 5.0	95.9 ± 6.0
	MCH	pg	25.0 ± 2.5	28.7 ± 2.5	31.6 ± 2.5
	MCHC	g/L	314 ± 30	326 ± 30	331 ± 30
	RDW-CV	%	18.3 ± 3.0	16.4 ± 3.0	15.3 ± 3.0
	RDW-SD	fL	53.2 ± 10.0	53.1 ± 10.0	53.6 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	267 ± 40	506 ± 60
MPV	fL	10.1 ± 3.0	9.4 ± 3.0	9.3 ± 3.0	
PDW	fL	10.8 ± 3.0	10.8 ± 3.0	10.9 ± 3.0	
PCT	%	0.054 ± 0.050	0.251 ± 0.100	0.471 ± 0.200	
P-LCR	%	24.9 ± 8.0	22.6 ± 8.0	22.2 ± 8.0	
P-LCC	$\times 10^9/L$	14 ± 14	62 ± 25	114 ± 35	


【NOTE】


1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL
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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND UN71 UN73 UN76 DH73 Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	3.54 ± 0.50	8.14 ± 1.00	18.73 ± 2.50
	Neu%	%	50.6 ± 9.0	56.0 ± 8.0	66.8 ± 7.0
	Lym%	%	38.7 ± 9.0	30.7 ± 8.0	19.4 ± 6.0
	Mon%	%	6.5 ± 4.0	6.6 ± 5.0	6.4 ± 6.0
	Eos%	%	3.6 ± 3.6	6.0 ± 6.0	6.6 ± 6.6
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.79 ± 0.40	4.56 ± 0.70	12.51 ± 1.40
	Lym#	$\times 10^9/L$	1.37 ± 0.40	2.50 ± 0.70	3.63 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.54 ± 0.50	1.20 ± 1.10
	Eos#	$\times 10^9/L$	0.13 ± 0.13	0.49 ± 0.49	1.24 ± 1.24
	Bas#	$\times 10^9/L$	0.02 ± 0.02	0.06 ± 0.06	0.15 ± 0.15
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.56 ± 0.24	5.12 ± 0.50
	HGB	g/L	58 ± 4	132 ± 6	165 ± 8
	HCT	%	18.2 ± 2.0	41.4 ± 3.0	50.9 ± 4.0
	MCV	fL	80.8 ± 5.0	89.8 ± 5.0	97.4 ± 6.0
	MCH	pg	25.2 ± 2.5	28.5 ± 2.5	31.6 ± 2.5
	MCHC	g/L	314 ± 30	319 ± 30	327 ± 30
	RDW-CV	%	18.9 ± 3.0	17.3 ± 3.0	16.1 ± 3.0
	RDW-SD	fL	57.0 ± 10.0	57.9 ± 10.0	58.2 ± 12.0
	PLT	$\times 10^9/L$	62 ± 20	270 ± 40	481 ± 60
MPV	fL	9.4 ± 3.0	9.5 ± 3.0	9.4 ± 3.0	
PDW	fL	12.0 ± 3.0	11.1 ± 3.0	10.8 ± 3.0	
PCT	%	0.059 ± 0.050	0.257 ± 0.100	0.453 ± 0.200	
P-LCR	%	24.3 ± 8.0	23.4 ± 8.0	22.5 ± 8.0	
P-LCC	$\times 10^9/L$	16 ± 15	66 ± 25	112 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	3.62 ± 0.50	8.51 ± 1.00	19.65 ± 2.50
	Neu%	%	50.1 ± 9.0	56.3 ± 8.0	66.3 ± 7.0
	Lym%	%	38.5 ± 9.0	30.7 ± 8.0	19.4 ± 6.0
	Mon%	%	6.6 ± 4.0	6.3 ± 5.0	6.2 ± 6.0
	Eos%	%	4.2 ± 4.2	6.0 ± 6.0	7.3 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.81 ± 0.40	4.79 ± 0.70	13.03 ± 1.40
	Lym#	$\times 10^9/L$	1.39 ± 0.40	2.61 ± 0.70	3.81 ± 1.10
	Mon#	$\times 10^9/L$	0.24 ± 0.14	0.54 ± 0.50	1.22 ± 1.10
	Eos#	$\times 10^9/L$	0.15 ± 0.15	0.51 ± 0.50	1.43 ± 1.30
	Bas#	$\times 10^9/L$	0.02 ± 0.02	0.06 ± 0.06	0.16 ± 0.16
	RBC	$\times 10^{12}/L$	2.32 ± 0.18	4.62 ± 0.24	5.28 ± 0.50
	HGB	g/L	58 ± 4	132 ± 6	167 ± 8
	HCT	%	18.6 ± 2.0	41.2 ± 3.0	51.3 ± 4.0
	MCV	fL	80.3 ± 5.0	89.3 ± 5.0	97.1 ± 6.0
	MCH	pg	25.7 ± 2.5	29.2 ± 2.5	32.3 ± 2.5
	MCHC	g/L	315 ± 30	330 ± 30	336 ± 30
	RDW-CV	%	18.2 ± 3.0	16.5 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	54.3 ± 10.0	54.5 ± 10.0	55.0 ± 12.0
	PLT	$\times 10^9/L$	60 ± 20	264 ± 40	480 ± 60
MPV	fL	9.6 ± 3.0	9.5 ± 3.0	9.3 ± 3.0	
PDW	fL	11.9 ± 3.0	10.9 ± 3.0	10.8 ± 3.0	
PCT	%	0.057 ± 0.050	0.251 ± 0.100	0.446 ± 0.200	
P-LCR	%	25.5 ± 8.0	23.3 ± 8.0	22.3 ± 8.0	
P-LCC	$\times 10^9/L$	16 ± 15	63 ± 25	110 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	2.37 ± 0.18	4.71 ± 0.24	5.39 ± 0.50
	HGB	g/L	59 ± 4	135 ± 6	171 ± 8
	HCT	%	19.9 ± 2.0	44.3 ± 3.0	54.7 ± 4.0
	MCV	fL	84.0 ± 5.0	94.1 ± 5.0	101.5 ± 6.0
	MCH	pg	24.7 ± 2.5	28.6 ± 2.5	31.6 ± 2.5
	MCHC	g/L	302 ± 30	310 ± 30	317 ± 30
	RDW-CV	%	18.2 ± 3.0	16.5 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	52.9 ± 10.0	53.0 ± 10.0	53.6 ± 12.0
	PLT	$\times 10^9/L$	66 ± 20	272 ± 40	495 ± 60
	MPV	fL	9.7 ± 3.0	9.6 ± 3.0	9.4 ± 3.0
	PDW	fL	11.7 ± 3.0	11.4 ± 3.0	11.0 ± 3.0
	PCT	%	0.064 ± 0.050	0.261 ± 0.100	0.465 ± 0.200
	P-LCR	%	26.1 ± 8.0	24.0 ± 8.0	22.9 ± 8.0
	P-LCC	$\times 10^9/L$	17 ± 15	67 ± 25	116 ± 35

【NOTE】


1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	3.46 ± 0.50	8.12 ± 1.00	18.87 ± 2.50
	Neu%	%	49.5 ± 9.0	56.7 ± 8.0	66.5 ± 7.0
	Lym%	%	40.4 ± 9.0	27.1 ± 8.0	15.7 ± 6.0
	Mon%	%	3.7 ± 3.7	7.0 ± 5.0	7.5 ± 6.0
	Eos%	%	6.4 ± 5.0	9.2 ± 6.0	10.3 ± 7.0
	Bas%	%	1.1 ± 1.1	1.0 ± 1.0	1.1 ± 1.1
	Neu#	$\times 10^9/L$	1.71 ± 0.40	4.60 ± 0.70	12.55 ± 1.40
	Lym#	$\times 10^9/L$	1.40 ± 0.40	2.20 ± 0.70	2.96 ± 1.10
	Mon#	$\times 10^9/L$	0.13 ± 0.13	0.57 ± 0.50	1.42 ± 1.10
	Eos#	$\times 10^9/L$	0.22 ± 0.15	0.75 ± 0.50	1.94 ± 1.30
	Bas#	$\times 10^9/L$	0.04 ± 0.04	0.08 ± 0.08	0.21 ± 0.21
	RBC	$\times 10^{12}/L$	2.30 ± 0.18	4.59 ± 0.24	5.27 ± 0.50
	HGB	g/L	57 ± 4	132 ± 6	169 ± 8
	HCT	%	18.8 ± 2.0	41.9 ± 3.0	52.0 ± 4.0
	MCV	fL	81.8 ± 5.0	91.2 ± 5.0	98.6 ± 6.0
	MCH	pg	25.0 ± 2.5	28.8 ± 2.5	32.3 ± 2.5
	MCHC	g/L	310 ± 30	319 ± 30	331 ± 30
	RDW-CV	%	15.1 ± 3.0	13.8 ± 3.0	13.1 ± 3.0
	RDW-SD	fL	51.3 ± 10.0	51.9 ± 10.0	52.8 ± 12.0
	PLT	$\times 10^9/L$	70 ± 20	278 ± 40	486 ± 60
MPV	fL	10.0 ± 3.0	9.7 ± 3.0	9.7 ± 3.0	
PDW	fL	12.4 ± 3.0	12.8 ± 3.0	12.8 ± 3.0	
PCT	%	0.070 ± 0.050	0.269 ± 0.100	0.471 ± 0.200	
P-LCR	%	35.4 ± 8.0	34.7 ± 8.0	34.6 ± 8.0	
P-LCC	$\times 10^9/L$	25 ± 15	97 ± 25	169 ± 35	


【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53 Instruments.

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND
CONTROL
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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	3.56 ± 0.50	8.36 ± 1.00	19.40 ± 2.50
	Neu%	%	49.6 ± 9.0	55.1 ± 8.0	65.8 ± 7.0
	Lym%	%	39.8 ± 9.0	29.0 ± 8.0	16.9 ± 6.0
	Mon%	%	4.7 ± 4.0	6.8 ± 5.0	7.2 ± 6.0
	Eos%	%	5.9 ± 5.0	9.1 ± 6.0	10.1 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.77 ± 0.40	4.60 ± 0.70	12.76 ± 1.40
	Lym#	$\times 10^9/L$	1.42 ± 0.40	2.42 ± 0.70	3.28 ± 1.10
	Mon#	$\times 10^9/L$	0.17 ± 0.14	0.57 ± 0.50	1.40 ± 1.10
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.76 ± 0.50	1.96 ± 1.30
	Bas#	$\times 10^9/L$	0.04 ± 0.04	0.08 ± 0.08	0.19 ± 0.19
	RBC	$\times 10^{12}/L$	2.32 ± 0.18	4.65 ± 0.24	5.31 ± 0.50
	HGB	g/L	58 ± 4	133 ± 6	171 ± 8
	HCT	%	18.9 ± 2.0	41.5 ± 3.0	50.6 ± 4.0
	MCV	fL	81.6 ± 5.0	89.2 ± 5.0	95.3 ± 6.0
	MCH	pg	25.0 ± 2.5	28.6 ± 2.5	32.1 ± 2.5
	MCHC	g/L	311 ± 30	324 ± 30	340 ± 30
	RDW-CV	%	15.7 ± 3.0	14.3 ± 3.0	13.8 ± 3.0
	RDW-SD	fL	53.9 ± 10.0	54.7 ± 10.0	56.2 ± 12.0
	PLT	$\times 10^9/L$	66 ± 20	268 ± 40	468 ± 60
MPV	fL	9.2 ± 3.0	9.1 ± 3.0	9.3 ± 3.0	
PDW	fL	11.4 ± 3.0	12.2 ± 3.0	12.2 ± 3.0	
PCT	%	0.061 ± 0.050	0.244 ± 0.100	0.436 ± 0.200	
P-LCR	%	29.9 ± 8.0	30.4 ± 8.0	31.3 ± 8.0	
P-LCC	$\times 10^9/L$	20 ± 15	83 ± 25	150 ± 35	

【NOTE】

- The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
- Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
- Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- After using, put the controls back into the refrigerator to prevent contamination and evaporation.
- P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53 Instruments.



BC0924L




BC0924N




BC0924H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND
CONTROL
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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	3.47 ± 0.50	8.31 ± 1.00	19.05 ± 2.50
	Neu%	%	50.7 ± 9.0	56.2 ± 8.0	66.5 ± 7.0
	Lym%	%	39.0 ± 9.0	29.9 ± 8.0	17.8 ± 6.0
	Mon%	%	4.7 ± 4.0	4.9 ± 4.9	5.6 ± 5.6
	Eos%	%	5.6 ± 5.0	9.0 ± 6.0	10.1 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.76 ± 0.40	4.67 ± 0.70	12.67 ± 1.40
	Lym#	$\times 10^9/L$	1.35 ± 0.40	2.48 ± 0.70	3.39 ± 1.10
	Mon#	$\times 10^9/L$	0.16 ± 0.14	0.41 ± 0.41	1.07 ± 1.07
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.75 ± 0.50	1.92 ± 1.30
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.08 ± 0.08	0.19 ± 0.19
	RBC	$\times 10^{12}/L$	2.19 ± 0.18	4.52 ± 0.24	5.17 ± 0.50
	HGB	g/L	56 ± 4	133 ± 6	171 ± 8
	HCT	%	17.8 ± 2.0	40.2 ± 3.0	49.5 ± 4.0
	MCV	fL	81.3 ± 5.0	89.0 ± 5.0	95.8 ± 6.0
	MCH	pg	25.9 ± 2.5	29.7 ± 2.5	33.4 ± 2.5
	MCHC	g/L	322 ± 30	338 ± 30	354 ± 30
	RDW-CV	%	15.4 ± 3.0	14.1 ± 3.0	13.6 ± 3.0
	RDW-SD	fL	52.4 ± 10.0	53.2 ± 10.0	54.6 ± 12.0
	PLT	$\times 10^9/L$	67 ± 20	275 ± 40	481 ± 60
MPV	fL	9.0 ± 3.0	8.8 ± 3.0	9.0 ± 3.0	
PDW	fL	11.9 ± 3.0	12.6 ± 3.0	12.7 ± 3.0	
PCT	%	0.060 ± 0.050	0.242 ± 0.100	0.433 ± 0.200	
P-LCR	%	27.4 ± 8.0	28.5 ± 8.0	28.9 ± 8.0	
P-LCC	$\times 10^9/L$	19 ± 15	80 ± 25	142 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53 Instruments.



BC0924L



BC0924N




BC0924H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DH71 DH76 (Technical File Version A4.1to A10.3) DH51 DH53 DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	3.61 ± 0.50	8.37 ± 1.00	19.02 ± 2.50
	Neu%	%	50.7 ± 9.0	58.9 ± 8.0	68.2 ± 7.0
	Lym%	%	39.0 ± 9.0	29.9 ± 8.0	19.5 ± 6.0
	Mon%	%	7.1 ± 4.0	6.6 ± 5.0	6.8 ± 6.0
	Eos%	%	3.2 ± 3.2	4.6 ± 4.6	5.5 ± 5.5
	Bas%	%	63.0 ± 8.0	71.3 ± 8.0	81.6 ± 8.0
	Neu#	$\times 10^9/L$	1.83 ± 0.40	4.93 ± 0.70	12.97 ± 1.40
	Lym#	$\times 10^9/L$	1.41 ± 0.40	2.50 ± 0.70	3.71 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.55 ± 0.50	1.29 ± 1.10
	Eos#	$\times 10^9/L$	0.12 ± 0.12	0.39 ± 0.39	1.05 ± 1.05
	Bas#	$\times 10^9/L$	2.28 ± 0.30	5.97 ± 0.70	15.52 ± 1.50
	RBC	$\times 10^{12}/L$	2.22 ± 0.18	4.58 ± 0.24	5.38 ± 0.50
	HGB	g/L	57 ± 4	132 ± 6	167 ± 8
	HCT	%	18.6 ± 2.0	42.6 ± 3.0	53.9 ± 4.0
	MCV	fL	83.9 ± 5.0	93.0 ± 5.0	100.3 ± 6.0
	MCH	pg	25.9 ± 2.5	29.2 ± 2.5	31.4 ± 2.5
	MCHC	g/L	323 ± 30	323 ± 30	323 ± 30
	RDW-CV	%	18.5 ± 3.0	16.7 ± 3.0	15.8 ± 3.0
	RDW-SD	fL	52.9 ± 10.0	53.5 ± 10.0	54.1 ± 12.0
	PLT	$\times 10^9/L$	58 ± 20	272 ± 40	508 ± 60
MPV	fL	10.1 ± 3.0	9.9 ± 3.0	9.8 ± 3.0	
PDW	fL	10.1 ± 3.0	10.2 ± 3.0	10.2 ± 3.0	
PCT	%	0.059 ± 0.050	0.269 ± 0.100	0.498 ± 0.200	
P-LCR	%	28.8 ± 8.0	26.2 ± 8.0	25.6 ± 8.0	
P-LCC	$\times 10^9/L$	17 ± 15	71 ± 25	132 ± 35	

【NOTE】


1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DH71 DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	3.27 ± 0.50	7.54 ± 1.00	16.92 ± 2.50
	Neu%	%	49.7 ± 9.0	55.8 ± 8.0	66.1 ± 7.0
	Lym%	%	38.1 ± 9.0	30.9 ± 8.0	19.5 ± 6.0
	Mon%	%	6.8 ± 4.0	6.6 ± 5.0	6.5 ± 6.0
	Eos%	%	5.4 ± 5.0	6.7 ± 6.0	7.9 ± 7.0
	Bas%	%	61.9 ± 8.0	71.0 ± 8.0	81.5 ± 8.0
	Neu#	$\times 10^9/L$	1.62 ± 0.40	4.20 ± 0.70	11.19 ± 1.40
	Lym#	$\times 10^9/L$	1.25 ± 0.40	2.33 ± 0.70	3.30 ± 1.10
	Mon#	$\times 10^9/L$	0.22 ± 0.14	0.50 ± 0.50	1.10 ± 1.10
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.50 ± 0.50	1.34 ± 1.30
	Bas#	$\times 10^9/L$	2.02 ± 0.30	5.35 ± 0.70	13.79 ± 1.50
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.59 ± 0.24	5.26 ± 0.50
	HGB	g/L	56 ± 4	130 ± 6	164 ± 8
	HCT	%	18.3 ± 2.0	41.2 ± 3.0	51.1 ± 4.0
	MCV	fL	80.8 ± 5.0	89.6 ± 5.0	97.1 ± 6.0
	MCH	pg	25.2 ± 2.5	28.9 ± 2.5	31.9 ± 2.5
	MCHC	g/L	316 ± 30	326 ± 30	332 ± 30
	RDW-CV	%	18.4 ± 3.0	16.5 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	53.8 ± 10.0	53.8 ± 10.0	54.6 ± 12.0
	PLT	$\times 10^9/L$	55 ± 20	267 ± 40	496 ± 60
MPV	fL	10.3 ± 3.0	9.7 ± 3.0	9.6 ± 3.0	
PDW	fL	11.8 ± 3.0	11.6 ± 3.0	11.6 ± 3.0	
PCT	%	0.057 ± 0.050	0.259 ± 0.100	0.476 ± 0.200	
P-LCR	%	27.2 ± 8.0	24.6 ± 8.0	24.3 ± 8.0	
P-LCC	$\times 10^9/L$	15 ± 15	66 ± 25	121 ± 35	

【NOTE】


1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	3.60 ± 0.50	8.51 ± 1.00	19.56 ± 2.50
	Neu%	%	50.1 ± 9.0	56.2 ± 8.0	66.0 ± 7.0
	Lym%	%	38.3 ± 9.0	30.3 ± 8.0	19.4 ± 6.0
	Mon%	%	6.9 ± 4.0	7.0 ± 5.0	6.6 ± 6.0
	Eos%	%	4.7 ± 4.7	6.5 ± 6.0	8.0 ± 7.0
	Bas%	%	64.7 ± 8.0	72.7 ± 8.0	83.3 ± 8.0
	Neu#	$\times 10^9/L$	1.80 ± 0.40	4.78 ± 0.70	12.91 ± 1.40
	Lym#	$\times 10^9/L$	1.38 ± 0.40	2.58 ± 0.70	3.79 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.60 ± 0.50	1.29 ± 1.10
	Eos#	$\times 10^9/L$	0.17 ± 0.15	0.55 ± 0.50	1.56 ± 1.30
	Bas#	$\times 10^9/L$	2.33 ± 0.30	6.19 ± 0.70	16.29 ± 1.50
	RBC	$\times 10^{12}/L$	2.30 ± 0.18	4.64 ± 0.24	5.30 ± 0.50
	HGB	g/L	58 ± 4	132 ± 6	167 ± 8
	HCT	%	18.3 ± 2.0	41.1 ± 3.0	51.0 ± 4.0
	MCV	fL	79.8 ± 5.0	88.6 ± 5.0	96.2 ± 6.0
	MCH	pg	24.9 ± 2.5	28.6 ± 2.5	31.5 ± 2.5
	MCHC	g/L	315 ± 30	325 ± 30	330 ± 30
	RDW-CV	%	18.4 ± 3.0	16.6 ± 3.0	15.6 ± 3.0
	RDW-SD	fL	53.4 ± 10.0	53.6 ± 10.0	54.3 ± 12.0
	PLT	$\times 10^9/L$	52 ± 20	260 ± 40	481 ± 60
MPV	fL	10.0 ± 3.0	9.4 ± 3.0	9.2 ± 3.0	
PDW	fL	10.9 ± 3.0	10.9 ± 3.0	10.7 ± 3.0	
PCT	%	0.052 ± 0.050	0.244 ± 0.100	0.442 ± 0.200	
P-LCR	%	25.2 ± 8.0	22.3 ± 8.0	21.6 ± 8.0	
P-LCC	$\times 10^9/L$	14 ± 14	61 ± 25	109 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	WBC	$\times 10^9/L$	3.55 ± 0.50	8.30 ± 1.00	19.09 ± 2.50
	Neu%	%	50.6 ± 9.0	56.8 ± 8.0	66.5 ± 7.0
	Lym%	%	38.4 ± 9.0	30.4 ± 8.0	19.5 ± 6.0
	Mon%	%	6.8 ± 4.0	7.1 ± 5.0	6.5 ± 6.0
	Eos%	%	4.2 ± 4.2	5.7 ± 5.7	7.5 ± 7.0
	Bas%	%	64.1 ± 8.0	72.6 ± 8.0	83.0 ± 8.0
	Neu#	$\times 10^9/L$	1.80 ± 0.40	4.72 ± 0.70	12.69 ± 1.40
	Lym#	$\times 10^9/L$	1.36 ± 0.40	2.52 ± 0.70	3.72 ± 1.10
	Mon#	$\times 10^9/L$	0.24 ± 0.14	0.59 ± 0.50	1.24 ± 1.10
	Eos#	$\times 10^9/L$	0.15 ± 0.15	0.47 ± 0.47	1.43 ± 1.30
	Bas#	$\times 10^9/L$	2.28 ± 0.30	6.03 ± 0.70	15.84 ± 1.50
	RBC	$\times 10^{12}/L$	2.24 ± 0.18	4.53 ± 0.24	5.19 ± 0.50
	HGB	g/L	57 ± 4	132 ± 6	166 ± 8
	HCT	%	18.3 ± 2.0	40.9 ± 3.0	50.5 ± 4.0
	MCV	fL	81.9 ± 5.0	90.2 ± 5.0	97.3 ± 6.0
	MCH	pg	25.3 ± 2.5	29.1 ± 2.5	32.0 ± 2.5
	MCHC	g/L	313 ± 30	327 ± 30	333 ± 30
	RDW-CV	%	18.6 ± 3.0	16.8 ± 3.0	15.8 ± 3.0
	RDW-SD	fL	54.3 ± 10.0	54.8 ± 10.0	55.6 ± 12.0
	PLT	$\times 10^9/L$	54 ± 20	271 ± 40	521 ± 60
MPV	fL	10.4 ± 3.0	9.7 ± 3.0	9.7 ± 3.0	
PDW	fL	11.2 ± 3.0	11.6 ± 3.0	11.7 ± 3.0	
PCT	%	0.056 ± 0.050	0.263 ± 0.100	0.505 ± 0.200	
P-LCR	%	27.3 ± 8.0	24.9 ± 8.0	24.6 ± 8.0	
P-LCC	$\times 10^9/L$	15 ± 15	69 ± 25	131 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	3.82 ± 0.50	8.75 ± 1.00	20.23 ± 2.50
	Neu%	%	49.9 ± 9.0	56.0 ± 8.0	65.8 ± 7.0
	Lym%	%	38.6 ± 9.0	30.6 ± 8.0	19.5 ± 6.0
	Mon%	%	6.8 ± 4.0	6.9 ± 5.0	6.5 ± 6.0
	Eos%	%	4.7 ± 4.7	6.5 ± 6.0	8.2 ± 7.0
	Bas%	%	64.6 ± 8.0	73.2 ± 8.0	83.6 ± 8.0
	Neu#	$\times 10^9/L$	1.91 ± 0.40	4.90 ± 0.70	13.31 ± 1.40
	Lym#	$\times 10^9/L$	1.47 ± 0.40	2.68 ± 0.70	3.95 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.60 ± 0.50	1.32 ± 1.10
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.57 ± 0.50	1.66 ± 1.30
	Bas#	$\times 10^9/L$	2.47 ± 0.30	6.41 ± 0.70	16.91 ± 1.50
	RBC	$\times 10^{12}/L$	2.29 ± 0.18	4.55 ± 0.24	5.24 ± 0.50
	HGB	g/L	57 ± 4	131 ± 6	165 ± 8
	HCT	%	18.3 ± 2.0	40.4 ± 3.0	50.4 ± 4.0
	MCV	fL	80.0 ± 5.0	88.8 ± 5.0	96.3 ± 6.0
	MCH	pg	24.9 ± 2.5	28.9 ± 2.5	31.6 ± 2.5
	MCHC	g/L	316 ± 30	329 ± 30	331 ± 30
	RDW-CV	%	18.3 ± 3.0	16.4 ± 3.0	15.4 ± 3.0
	RDW-SD	fL	53.2 ± 10.0	53.0 ± 10.0	53.7 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	264 ± 40	507 ± 60
MPV	fL	9.7 ± 3.0	9.0 ± 3.0	9.0 ± 3.0	
PDW	fL	9.8 ± 3.0	10.2 ± 3.0	10.1 ± 3.0	
PCT	%	0.051 ± 0.050	0.237 ± 0.100	0.456 ± 0.200	
P-LCR	%	22.9 ± 8.0	20.5 ± 8.0	20.1 ± 8.0	
P-LCC	$\times 10^9/L$	12 ± 12	55 ± 25	104 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	3.59 ± 0.50	8.26 ± 1.00	18.83 ± 2.50
	Neu%	%	50.9 ± 9.0	57.6 ± 8.0	66.9 ± 7.0
	Lym%	%	37.9 ± 9.0	30.1 ± 8.0	19.1 ± 6.0
	Mon%	%	7.2 ± 4.0	7.5 ± 5.0	6.8 ± 6.0
	Eos%	%	4.0 ± 4.0	4.8 ± 4.8	7.2 ± 7.0
	Bas%	%	64.0 ± 8.0	72.2 ± 8.0	82.8 ± 8.0
	Neu#	$\times 10^9/L$	1.83 ± 0.40	4.76 ± 0.70	12.60 ± 1.40
	Lym#	$\times 10^9/L$	1.36 ± 0.40	2.49 ± 0.70	3.60 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.62 ± 0.50	1.28 ± 1.10
	Eos#	$\times 10^9/L$	0.14 ± 0.14	0.40 ± 0.40	1.36 ± 1.30
	Bas#	$\times 10^9/L$	2.29 ± 0.30	5.96 ± 0.70	15.59 ± 1.50
	RBC	$\times 10^{12}/L$	2.24 ± 0.18	4.49 ± 0.24	5.19 ± 0.50
	HGB	g/L	59 ± 4	132 ± 6	166 ± 8
	HCT	%	18.3 ± 2.0	40.1 ± 3.0	50.3 ± 4.0
	MCV	fL	81.7 ± 5.0	89.5 ± 5.0	96.8 ± 6.0
	MCH	pg	26.3 ± 2.5	29.4 ± 2.5	31.8 ± 2.5
	MCHC	g/L	330 ± 30	333 ± 30	334 ± 30
	RDW-CV	%	18.6 ± 3.0	16.7 ± 3.0	15.7 ± 3.0
	RDW-SD	fL	53.9 ± 10.0	53.9 ± 10.0	54.4 ± 12.0
	PLT	$\times 10^9/L$	59 ± 20	267 ± 40	508 ± 60
MPV	fL	8.9 ± 3.0	9.0 ± 3.0	9.0 ± 3.0	
PDW	fL	11.1 ± 3.0	10.5 ± 3.0	10.4 ± 3.0	
PCT	%	0.052 ± 0.050	0.240 ± 0.100	0.457 ± 0.200	
P-LCR	%	21.1 ± 8.0	20.5 ± 8.0	20.3 ± 8.0	
P-LCC	$\times 10^9/L$	13 ± 13	57 ± 25	107 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N




BC0924H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	3.75 ± 0.50	8.66 ± 1.00	19.65 ± 2.50
	Neu%	%	50.2 ± 9.0	55.9 ± 8.0	65.2 ± 7.0
	Lym%	%	37.5 ± 9.0	29.8 ± 8.0	19.3 ± 6.0
	Mon%	%	6.8 ± 4.0	6.8 ± 5.0	6.5 ± 6.0
	Eos%	%	5.5 ± 5.0	7.5 ± 6.0	9.0 ± 7.0
	Bas%	%	64.6 ± 8.0	72.8 ± 8.0	83.5 ± 8.0
	Neu#	$\times 10^9/L$	1.88 ± 0.40	4.84 ± 0.70	12.81 ± 1.40
	Lym#	$\times 10^9/L$	1.41 ± 0.40	2.58 ± 0.70	3.79 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.59 ± 0.50	1.28 ± 1.10
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.65 ± 0.50	1.77 ± 1.30
	Bas#	$\times 10^9/L$	2.42 ± 0.30	6.30 ± 0.70	16.41 ± 1.50
	RBC	$\times 10^{12}/L$	2.31 ± 0.18	4.65 ± 0.24	5.32 ± 0.50
	HGB	g/L	60 ± 4	134 ± 6	167 ± 8
	HCT	%	18.7 ± 2.0	41.7 ± 3.0	51.2 ± 4.0
	MCV	fL	81.2 ± 5.0	89.7 ± 5.0	97.1 ± 6.0
	MCH	pg	25.9 ± 2.5	28.7 ± 2.5	31.4 ± 2.5
	MCHC	g/L	323 ± 30	324 ± 30	327 ± 30
	RDW-CV	%	18.4 ± 3.0	16.5 ± 3.0	15.4 ± 3.0
	RDW-SD	fL	54.1 ± 10.0	54.0 ± 10.0	54.6 ± 12.0
	PLT	$\times 10^9/L$	57 ± 20	276 ± 40	518 ± 60
MPV	fL	9.4 ± 3.0	9.4 ± 3.0	9.2 ± 3.0	
PDW	fL	11.6 ± 3.0	10.7 ± 3.0	10.8 ± 3.0	
PCT	%	0.054 ± 0.050	0.260 ± 0.100	0.477 ± 0.200	
P-LCR	%	24.2 ± 8.0	22.3 ± 8.0	21.6 ± 8.0	
P-LCC	$\times 10^9/L$	14 ± 14	63 ± 25	113 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N





BC0924H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF50 Vet DF52 Vet DF55 Vet DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	3.42 ± 0.50	8.01 ± 1.00	18.55 ± 2.50
	Neu%	%	49.2 ± 9.0	56.0 ± 8.0	65.9 ± 7.0
	Lym%	%	39.6 ± 9.0	28.4 ± 8.0	15.8 ± 6.0
	Mon%	%	5.8 ± 5.8	6.4 ± 6.4	8.0 ± 8.0
	Eos%	%	6.4 ± 5.0	9.2 ± 6.0	10.3 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.68 ± 0.40	4.48 ± 0.70	12.22 ± 1.40
	Lym#	$\times 10^9/L$	1.39 ± 0.40	2.27 ± 0.70	2.93 ± 1.10
	Mon#	$\times 10^9/L$	0.13 ± 0.13	0.51 ± 0.51	1.48 ± 1.48
	Eos#	$\times 10^9/L$	0.22 ± 0.15	0.74 ± 0.50	1.91 ± 1.30
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.08 ± 0.08	0.19 ± 0.19
	RBC	$\times 10^{12}/L$	2.30 ± 0.18	4.59 ± 0.24	5.25 ± 0.50
	HGB	g/L	57 ± 4	133 ± 6	172 ± 8
	HCT	%	18.6 ± 2.0	41.5 ± 3.0	51.3 ± 4.0
	MCV	fL	80.8 ± 5.0	90.3 ± 5.0	97.6 ± 6.0
	MCH	pg	24.6 ± 2.5	28.8 ± 2.5	32.6 ± 2.5
	MCHC	g/L	306 ± 30	324 ± 30	339 ± 30
	RDW-CV	%	14.4 ± 3.0	13.2 ± 3.0	12.5 ± 3.0
	RDW-SD	fL	48.5 ± 10.0	49.3 ± 10.0	50.4 ± 12.0
	PLT	$\times 10^9/L$	67 ± 20	269 ± 40	467 ± 60
MPV	fL	8.9 ± 3.0	8.8 ± 3.0	8.8 ± 3.0	
PDW	fL	11.0 ± 3.0	11.9 ± 3.0	12.0 ± 3.0	
PCT	%	0.059 ± 0.050	0.237 ± 0.100	0.411 ± 0.200	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	3.61 ± 0.50	8.64 ± 1.00	20.14 ± 2.50
	Neu%	%	50.1 ± 9.0	55.1 ± 8.0	65.7 ± 7.0
	Lym%	%	39.0 ± 9.0	28.0 ± 8.0	17.2 ± 6.0
	Mon%	%	5.2 ± 4.0	7.8 ± 5.0	7.0 ± 6.0
	Eos%	%	5.7 ± 5.0	9.1 ± 6.0	10.1 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.81 ± 0.40	4.76 ± 0.70	13.24 ± 1.40
	Lym#	$\times 10^9/L$	1.41 ± 0.40	2.42 ± 0.70	3.46 ± 1.10
	Mon#	$\times 10^9/L$	0.19 ± 0.14	0.67 ± 0.50	1.41 ± 1.10
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.79 ± 0.50	2.03 ± 1.30
	Bas#	$\times 10^9/L$	0.04 ± 0.04	0.09 ± 0.09	0.20 ± 0.20
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.54 ± 0.24	5.18 ± 0.50
	HGB	g/L	57 ± 4	132 ± 6	169 ± 8
	HCT	%	18.5 ± 2.0	40.6 ± 3.0	49.9 ± 4.0
	MCV	fL	81.9 ± 5.0	89.5 ± 5.0	96.2 ± 6.0
	MCH	pg	25.6 ± 2.5	29.3 ± 2.5	32.9 ± 2.5
	MCHC	g/L	318 ± 30	332 ± 30	347 ± 30
	RDW-CV	%	15.8 ± 3.0	14.5 ± 3.0	13.9 ± 3.0
	RDW-SD	fL	54.3 ± 10.0	55.3 ± 10.0	57.0 ± 12.0
	PLT	$\times 10^9/L$	63 ± 20	278 ± 40	497 ± 60
MPV	fL	9.1 ± 3.0	8.7 ± 3.0	8.9 ± 3.0	
PDW	fL	10.4 ± 3.0	11.4 ± 3.0	11.6 ± 3.0	
PCT	%	0.057 ± 0.050	0.241 ± 0.100	0.442 ± 0.200	
P-LCR	%	27.2 ± 8.0	27.6 ± 8.0	28.5 ± 8.0	
P-LCC	$\times 10^9/L$	17 ± 15	77 ± 25	143 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	3.65 ± 0.50	8.59 ± 1.00	20.03 ± 2.50
	Neu%	%	49.6 ± 9.0	54.6 ± 8.0	65.7 ± 7.0
	Lym%	%	39.8 ± 9.0	29.4 ± 8.0	17.4 ± 6.0
	Mon%	%	4.8 ± 4.0	7.1 ± 5.0	7.1 ± 6.0
	Eos%	%	5.8 ± 5.0	8.9 ± 6.0	9.8 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.81 ± 0.40	4.69 ± 0.70	13.16 ± 1.40
	Lym#	$\times 10^9/L$	1.45 ± 0.40	2.52 ± 0.70	3.48 ± 1.10
	Mon#	$\times 10^9/L$	0.18 ± 0.14	0.61 ± 0.50	1.42 ± 1.10
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.76 ± 0.50	1.96 ± 1.30
	Bas#	$\times 10^9/L$	0.04 ± 0.04	0.09 ± 0.09	0.20 ± 0.20
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.45 ± 0.24	5.08 ± 0.50
	HGB	g/L	58 ± 4	130 ± 6	166 ± 8
	HCT	%	18.2 ± 2.0	39.5 ± 3.0	48.5 ± 4.0
	MCV	fL	81.1 ± 5.0	88.8 ± 5.0	95.5 ± 6.0
	MCH	pg	25.6 ± 2.5	29.3 ± 2.5	32.6 ± 2.5
	MCHC	g/L	321 ± 30	334 ± 30	346 ± 30
	RDW-CV	%	16.2 ± 3.0	15.0 ± 3.0	14.5 ± 3.0
	RDW-SD	fL	55.2 ± 10.0	56.8 ± 10.0	58.6 ± 12.0
	PLT	$\times 10^9/L$	51 ± 20	271 ± 40	517 ± 60
MPV	fL	9.1 ± 3.0	8.5 ± 3.0	8.8 ± 3.0	
PDW	fL	9.8 ± 3.0	11.1 ± 3.0	11.1 ± 3.0	
PCT	%	0.046 ± 0.046	0.230 ± 0.100	0.455 ± 0.200	
P-LCR	%	27.0 ± 8.0	26.3 ± 8.0	27.1 ± 8.0	
P-LCC	$\times 10^9/L$	14 ± 14	73 ± 25	143 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.54 ± 0.50	8.23 ± 1.00	18.70 ± 2.50
	Neu%	%	49.8 ± 9.0	56.1 ± 8.0	65.7 ± 7.0
	Lym%	%	37.9 ± 9.0	30.1 ± 8.0	19.1 ± 6.0
	Mon%	%	7.0 ± 4.0	6.9 ± 5.0	6.5 ± 6.0
	Eos%	%	5.3 ± 5.0	6.9 ± 6.0	8.7 ± 7.0
	Bas%	%	63.6 ± 8.0	72.1 ± 8.0	83.1 ± 8.0
	Neu#	$\times 10^9/L$	1.76 ± 0.40	4.62 ± 0.70	12.28 ± 1.40
	Lym#	$\times 10^9/L$	1.34 ± 0.40	2.48 ± 0.70	3.57 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.57 ± 0.50	1.22 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.57 ± 0.50	1.63 ± 1.30
	Bas#	$\times 10^9/L$	2.25 ± 0.30	5.93 ± 0.70	15.54 ± 1.50
	RBC	$\times 10^{12}/L$	2.26 ± 0.18	4.58 ± 0.24	5.26 ± 0.50
	HGB	g/L	59 ± 4	132 ± 6	165 ± 8
	HCT	%	18.0 ± 2.0	40.8 ± 3.0	50.9 ± 4.0
	MCV	fL	79.5 ± 5.0	89.1 ± 5.0	96.9 ± 6.0
	MCH	pg	26.0 ± 2.5	28.8 ± 2.5	31.3 ± 2.5
	MCHC	g/L	331 ± 30	325 ± 30	326 ± 30
	RDW-CV	%	18.6 ± 3.0	16.7 ± 3.0	15.7 ± 3.0
	RDW-SD	fL	53.5 ± 10.0	53.9 ± 10.0	54.5 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	266 ± 40	507 ± 60
MPV	fL	9.2 ± 3.0	9.1 ± 3.0	9.1 ± 3.0	
PDW	fL	11.6 ± 3.0	10.5 ± 3.0	10.3 ± 3.0	
PCT	%	0.049 ± 0.049	0.242 ± 0.100	0.462 ± 0.200	
P-LCR	%	22.7 ± 8.0	21.1 ± 8.0	20.5 ± 8.0	
P-LCC	$\times 10^9/L$	12 ± 12	57 ± 25	106 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.53 ± 0.50	8.38 ± 1.00	19.42 ± 2.50
	Neu%	%	49.7 ± 9.0	56.4 ± 8.0	65.6 ± 7.0
	Lym%	%	37.7 ± 9.0	30.2 ± 8.0	19.3 ± 6.0
	Mon%	%	6.5 ± 4.0	6.4 ± 5.0	6.2 ± 6.0
	Eos%	%	5.4 ± 5.0	6.3 ± 6.0	8.1 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.75 ± 0.40	4.72 ± 0.70	12.74 ± 1.40
	Lym#	$\times 10^9/L$	1.33 ± 0.40	2.53 ± 0.70	3.75 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.54 ± 0.50	1.20 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.53 ± 0.50	1.57 ± 1.30
	Bas#	$\times 10^9/L$	0.02 ± 0.02	0.06 ± 0.06	0.16 ± 0.16
	RBC	$\times 10^{12}/L$	2.28 ± 0.18	4.52 ± 0.24	5.15 ± 0.50
	HGB	g/L	60 ± 4	132 ± 6	167 ± 8
	HCT	%	18.3 ± 2.0	40.5 ± 3.0	50.2 ± 4.0
	MCV	fL	80.5 ± 5.0	89.6 ± 5.0	97.4 ± 6.0
	MCH	pg	26.3 ± 2.5	29.4 ± 2.5	32.6 ± 2.5
	MCHC	g/L	334 ± 30	333 ± 30	340 ± 30
	RDW-CV	%	18.7 ± 3.0	16.9 ± 3.0	15.7 ± 3.0
	RDW-SD	fL	46.9 ± 10.0	47.2 ± 10.0	47.4 ± 12.0
	PLT	$\times 10^9/L$	52 ± 20	256 ± 40	470 ± 60
MPV	fL	9.4 ± 3.0	8.6 ± 3.0	8.7 ± 3.0	
PDW	fL	9.5 ± 3.0	9.6 ± 3.0	9.5 ± 3.0	
PCT	%	0.049 ± 0.049	0.220 ± 0.100	0.409 ± 0.200	
P-LCR	%	20.3 ± 8.0	18.4 ± 8.0	18.6 ± 8.0	
P-LCC	$\times 10^9/L$	11 ± 11	49 ± 25	90 ± 35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



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Applicable Instruments	Parameter	Unit	LOT BC0924L	LOT BC0924N	LOT BC0924H
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	3.21 ± 0.50	7.54 ± 1.00	17.53 ± 2.50
	Neu%	%	50.2 ± 9.0	54.8 ± 8.0	65.4 ± 7.0
	Lym%	%	38.4 ± 9.0	29.4 ± 8.0	17.2 ± 6.0
	Mon%	%	5.4 ± 4.0	6.5 ± 5.0	7.1 ± 6.0
	Eos%	%	6.0 ± 5.0	9.3 ± 6.0	10.3 ± 7.0
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.61 ± 0.40	4.13 ± 0.70	11.46 ± 1.40
	Lym#	$\times 10^9/L$	1.23 ± 0.40	2.22 ± 0.70	3.02 ± 1.10
	Mon#	$\times 10^9/L$	0.17 ± 0.14	0.49 ± 0.49	1.24 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.70 ± 0.50	1.81 ± 1.30
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.08 ± 0.08	0.18 ± 0.18
	RBC	$\times 10^{12}/L$	2.21 ± 0.18	4.37 ± 0.24	4.99 ± 0.50
	HGB	g/L	56 ± 4	131 ± 6	168 ± 8
	HCT	%	17.7 ± 2.0	38.5 ± 3.0	47.6 ± 4.0
	MCV	fL	80.1 ± 5.0	88.1 ± 5.0	95.4 ± 6.0
	MCH	pg	25.5 ± 2.5	30.1 ± 2.5	33.8 ± 2.5
	MCHC	g/L	324 ± 30	345 ± 30	360 ± 30
	RDW-CV	%	14.3 ± 3.0	13.1 ± 3.0	12.4 ± 3.0
	RDW-SD	fL	51.5 ± 10.0	52.2 ± 10.0	53.3 ± 12.0
	PLT	$\times 10^9/L$	61 ± 20	260 ± 40	456 ± 60
MPV	fL	9.0 ± 3.0	8.7 ± 3.0	8.7 ± 3.0	
PDW	fL	10.5 ± 3.0	11.5 ± 3.0	11.6 ± 3.0	
PCT	%	0.055 ± 0.050	0.226 ± 0.100	0.397 ± 0.200	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



BC0924L



BC0924N



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