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文件名称：

CONTROL DM-5D BC0324 2024-05-10

适用范围： 公司所有五分类仪器

编制：石丽岐 日期：2024.02.29	审核：刘金盈 日期：2024.02.29	批准：郑剑通 日期：2024.02.29

修 订 记 录

版本	TCN/ECR/PCN编号	修订内容概要	修改人	批准人	批准日期
V10.2.0	/	新建	石丽岐	郑剑通	2024.02.29

发至：	☐总经办 ☐质量部 ☐财务部 ■营销部 ■客服 ☐计划 ☐采购 ■工程 ☐仓库 ■设备研发 ■试剂研发 ☐物料质量 ☐设备生产 ☐试剂生产 ■试剂质检 ■设备质检
由试剂研发	

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	**WBC**	$\times10^9$/L	**3.36**	±0.50	**8.05**	±1.00	**18.76**	±2.50
	Neu%	%	49.9	±9.0	56.9	±8.0	65.6	±7.0
	Lym%	%	39.2	±9.0	30.3	±8.0	20.0	±6.0
	Mon%	%	6.5	±4.0	7.1	±5.0	6.5	±6.0
	Eos%	%	4.4	±4.4	5.7	±5.7	7.9	±7.0
	Bas%	%	63.3	±8.0	71.9	±8.0	81.6	±8.0
	Neu#	$\times10^9$/L	1.67	±0.40	4.58	±0.70	12.31	±1.40
	Lym#	$\times10^9$/L	1.32	±0.40	2.44	±0.70	3.75	±1.10
	Mon#	$\times10^9$/L	0.22	±0.14	0.57	±0.50	1.22	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.46	±0.46	1.48	±1.30
	Bas#	$\times10^9$/L	2.12	±0.30	5.79	±0.70	15.31	±1.50
	RBC	$\times10^{12}$/L	**2.22**	±0.18	**4.40**	±0.24	**5.29**	±0.50
	HGB	g/L	**57**	±4	**131**	±6	**169**	±8
	HCT	%	18.5	±2.0	41.3	±3.0	53.1	±4.0
	MCV	fL	**83.2**	±5.0	**94.0**	±5.0	**100.2**	±6.0
	MCH	pg	25.5	±2.5	29.7	±2.5	31.7	±2.5
	MCHC	g/L	314	±30	323	±30	322	±30
	RDW-CV	%	18.1	±3.0	16.9	±3.0	15.8	±3.0
	RDW-SD	fL	52.5	±10.0	54.8	±10.0	54.4	±12.0
	PLT	$\times10^9$/L	**45**	±20	**256**	±40	**500**	±60
	MPV	fL	9.6	±3.0	8.9	±3.0	9.6	±3.0
	PDW	fL	9.8	±3.0	10.2	±3.0	11.2	±3.0
	PCT	%	0.044	±0.044	0.228	±0.100	0.480	±0.200
	P-LCR	%	21.3	±8.0	19.9	±8.0	23.9	±8.0
	P-LCC	$\times10^9$/L	10	±10	52	±25	119	±35
	PDW	/	10.0	±3.0	10.1	±3.0	9.7	±3.0

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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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2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	**WBC**	$\times10^9$/L	**3.63**	±0.50	**9.00**	±1.00	**21.00**	±2.50
	Neu%	%	49.8	±9.0	55.5	±8.0	64.3	±7.0
	Lym%	%	38.6	±9.0	30.0	±8.0	19.9	±6.0
	Mon%	%	6.8	±4.0	7.4	±5.0	6.4	±6.0
	Eos%	%	4.8	±4.8	7.1	±6.0	9.4	±7.0
	Bas%	%	63.8	±8.0	72.5	±8.0	82.0	±8.0
	Neu#	$\times10^9$/L	1.81	±0.40	4.99	±0.70	13.50	±1.40
	Lym#	$\times10^9$/L	1.40	±0.40	2.70	±0.70	4.18	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.67	±0.50	1.34	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.64	±0.50	1.97	±1.30
	Bas#	$\times10^9$/L	2.32	±0.30	6.52	±0.70	17.22	±1.50
	RBC	$\times10^{12}$/L	**2.26**	±0.18	**4.53**	±0.24	**5.44**	±0.50
	HGB	g/L	**57**	±4	**133**	±6	**170**	±8
	HCT	%	18.0	±2.0	40.4	±3.0	51.4	±4.0
	MCV	fL	**79.5**	±5.0	**89.2**	±5.0	**94.6**	±6.0
	MCH	pg	24.9	±2.5	29.0	±2.5	31.0	±2.5
	MCHC	g/L	321	±30	333	±30	335	±30
	RDW-CV	%	17.7	±3.0	16.4	±3.0	15.3	±3.0
	RDW-SD	fL	51.1	±10.0	53.4	±10.0	52.9	±12.0
	PLT	$\times10^9$/L	**50**	±20	**258**	±40	**506**	±60
	MPV	fL	9.6	±3.0	8.9	±3.0	9.3	±3.0
	PDW	fL	9.8	±3.0	10.0	±3.0	10.9	±3.0
	PCT	%	0.048	±0.048	0.230	±0.100	0.471	±0.200
	P-LCR	%	21.5	±8.0	19.5	±8.0	22.3	±8.0
	P-LCC	$\times10^9$/L	13	±13	50	±25	108	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND UN71 UN73 UN76 DH73 Technical File Version A5.5 to A6.2)	**WBC**	$\times10^9$/L	**3.41**	±0.50	**8.08**	±1.00	**18.16**	±2.50
	Neu%	%	50.0	±9.0	56.7	±8.0	65.8	±7.0
	Lym%	%	38.7	±9.0	30.6	±8.0	20.5	±6.0
	Mon%	%	6.8	±4.0	7.0	±5.0	6.4	±6.0
	Eos%	%	3.9	±3.9	5.0	±5.0	6.5	±6.5
	Bas%	%	0.6	±0.6	0.7	±0.7	0.8	±0.8
	Neu#	$\times10^9$/L	1.70	±0.40	4.58	±0.70	11.95	±1.40
	Lym#	$\times10^9$/L	1.32	±0.40	2.47	±0.70	3.72	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.57	±0.50	1.16	±1.10
	Eos#	$\times10^9$/L	0.13	±0.13	0.40	±0.40	1.18	±1.18
	Bas#	$\times10^9$/L	0.02	±0.02	0.06	±0.06	0.15	±0.15
	RBC	$\times10^{12}$/L	**2.23**	±0.18	**4.43**	±0.24	**5.23**	±0.50
	HGB	g/L	**58**	±4	**133**	±6	**168**	±8
	HCT	%	18.0	±2.0	40.4	±3.0	50.6	±4.0
	MCV	fL	**80.6**	±5.0	**91.2**	±5.0	**96.8**	±6.0
	MCH	pg	25.3	±2.5	29.2	±2.5	31.3	±2.5
	MCHC	g/L	322	±30	327	±30	329	±30
	RDW-CV	%	18.7	±3.0	17.2	±3.0	16.2	±3.0
	RDW-SD	fL	55.2	±10.0	57.2	±10.0	57.1	±12.0
	PLT	$\times10^9$/L	**56**	±20	**250**	±40	**467**	±60
	MPV	fL	8.7	±3.0	8.8	±3.0	9.4	±3.0
	PDW	fL	10.4	±3.0	10.0	±3.0	11.1	±3.0
	PCT	%	0.049	±0.049	0.220	±0.100	0.439	±0.200
	P-LCR	%	20.4	±8.0	19.4	±8.0	23.1	±8.0
	P-LCC	$\times10^9$/L	13	±13	49	±25	106	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	**WBC**	$\times10^9$/L	**3.43**	±0.50	**8.12**	±1.00	**18.96**	±2.50
	Neu%	%	48.8	±9.0	56.2	±8.0	64.8	±7.0
	Lym%	%	39.4	±9.0	31.1	±8.0	20.7	±6.0
	Mon%	%	6.6	±4.0	6.5	±5.0	6.0	±6.0
	Eos%	%	4.3	±4.3	5.2	±5.2	7.4	±7.0
	Bas%	%	0.9	±0.9	1.0	±1.0	1.1	±1.1
	Neu#	$\times10^9$/L	1.67	±0.40	4.56	±0.70	12.29	±1.40
	Lym#	$\times10^9$/L	1.35	±0.40	2.52	±0.70	3.93	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.53	±0.50	1.14	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.42	±0.42	1.40	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.08	±0.08	0.21	±0.21
	RBC	$\times10^{12}$/L	**2.32**	±0.18	**4.59**	±0.24	**5.47**	±0.50
	HGB	g/L	**58**	±4	**135**	±6	**173**	±8
	HCT	%	18.5	±2.0	41.5	±3.0	52.6	±4.0
	MCV	fL	**79.8**	±5.0	**90.5**	±5.0	**96.1**	±6.0
	MCH	pg	24.7	±2.5	28.6	±2.5	30.8	±2.5
	MCHC	g/L	315	±30	323	±30	327	±30
	RDW-CV	%	17.7	±3.0	16.4	±3.0	15.5	±3.0
	RDW-SD	fL	52.2	±10.0	54.6	±10.0	54.1	±12.0
	PLT	$\times10^9$/L	**58**	±20	**256**	±40	**493**	±60
	MPV	fL	8.9	±3.0	9.0	±3.0	9.4	±3.0
	PDW	fL	10.5	±3.0	10.0	±3.0	10.9	±3.0
	PCT	%	0.052	±0.050	0.231	±0.100	0.463	±0.200
	P-LCR	%	20.2	±8.0	20.2	±8.0	22.9	±8.0
	P-LCC	$\times10^9$/L	14	±14	52	±25	107	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	**RBC**	$\times10^{12}$/L	**2.28**	±0.18	**4.58**	±0.24	**5.52**	±0.50
	HGB	g/L	**59**	±4	**136**	±6	**176**	±8
	HCT	%	19.2	±2.0	43.4	±3.0	56.3	±4.0
	MCV	fL	**84.2**	±5.0	**94.8**	±5.0	**102.0**	±6.0
	MCH	pg	24.9	±2.5	28.6	±2.5	30.7	±2.5
	MCHC	g/L	304	±30	310	±30	311	±30
	RDW-CV	%	17.5	±3.0	16.6	±3.0	15.5	±3.0
	RDW-SD	fL	51.1	±10.0	53.4	±10.0	53.0	±12.0
	PLT	$\times10^{9}$/L	**58**	±20	**256**	±40	**486**	±60
	MPV	fL	9.1	±3.0	9.0	±3.0	9.4	±3.0
	PDW	fL	10.5	±3.0	10.1	±3.0	11.1	±3.0
	PCT	%	0.053	±0.050	0.230	±0.100	0.457	±0.200
	P-LCR	%	22.3	±8.0	20.4	±8.0	23.1	±8.0
	P-LCC	$\times10^{9}$/L	13	±13	52	±25	110	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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

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2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	**WBC**	$\times10^9$/L	**3.37**	±0.50	**8.18**	±1.00	**18.78**	±2.50
	Neu%	%	49.8	±9.0	56.6	±8.0	63.1	±7.0
	Lym%	%	37.6	±9.0	29.2	±8.0	19.3	±6.0
	Mon%	%	5.5	±4.0	5.0	±5.0	5.0	±5.0
	Eos%	%	7.1	±5.0	9.2	±6.0	12.6	±7.0
	Bas%	%	1.9	±1.9	3.4	±3.4	1.7	±1.7
	Neu#	$\times10^9$/L	1.68	±0.40	4.63	±0.70	11.85	±1.40
	Lym#	$\times10^9$/L	1.27	±0.40	2.39	±0.70	3.63	±1.10
	Mon#	$\times10^9$/L	0.19	±0.14	0.41	±0.41	0.94	±0.94
	Eos#	$\times10^9$/L	0.24	±0.15	0.75	±0.50	2.37	±1.30
	Bas#	$\times10^9$/L	0.06	±0.06	0.28	±0.28	0.32	±0.32
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.57**	±0.24	**5.47**	±0.50
	HGB	g/L	**58**	±4	**134**	±6	**173**	±8
	HCT	%	18.6	±2.0	41.7	±3.0	53.0	±4.0
	MCV	fL	**80.9**	±5.0	**91.2**	±5.0	**97.0**	±6.0
	MCH	pg	24.9	±2.5	28.9	±2.5	31.3	±2.5
	MCHC	g/L	318	±30	327	±30	333	±30
	RDW-CV	%	14.8	±3.0	13.9	±3.0	13.1	±3.0
	RDW-SD	fL	49.0	±10.0	51.0	±10.0	50.8	±12.0
	PLT	$\times10^9$/L	**62**	±20	**264**	±40	**473**	±60
	MPV	fL	9.4	±3.0	9.1	±3.0	9.7	±3.0
	PDW	fL	10.8	±3.0	12.1	±3.0	12.9	±3.0
	PCT	%	0.058	±0.050	0.240	±0.100	0.459	±0.200
	P-LCR	%	29.6	±8.0	30.5	±8.0	34.9	±8.0
	P-LCC	$\times10^9$/L	19	±15	80	±25	161	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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, DF50 Vet and DF52 Vet Instruments.

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

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2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	**WBC**	$\times10^9$/L	**3.45**	±0.50	**8.29**	±1.00	**19.12**	±2.50
	Neu%	%	49.8	±9.0	55.3	±8.0	62.8	±7.0
	Lym%	%	37.4	±9.0	29.8	±8.0	19.6	±6.0
	Mon%	%	6.1	±4.0	5.8	±5.0	5.2	±5.2
	Eos%	%	6.7	±5.0	9.1	±6.0	12.4	±7.0
	Bas%	%	0.8	±0.8	1.7	±1.7	1.1	±1.1
	Neu#	$\times10^9$/L	1.72	±0.40	4.58	±0.70	12.01	±1.40
	Lym#	$\times10^9$/L	1.29	±0.40	2.47	±0.70	3.75	±1.10
	Mon#	$\times10^9$/L	0.21	±0.14	0.48	±0.48	0.99	±0.99
	Eos#	$\times10^9$/L	0.23	±0.15	0.75	±0.50	2.37	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.14	±0.14	0.21	±0.21
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.58**	±0.24	**5.50**	±0.50
	HGB	g/L	**58**	±4	**134**	±6	**175**	±8
	HCT	%	18.8	±2.0	41.4	±3.0	52.3	±4.0
	MCV	fL	**81.7**	±5.0	**90.4**	±5.0	**95.0**	±6.0
	MCH	pg	24.7	±2.5	28.8	±2.5	31.1	±2.5
	MCHC	g/L	312	±30	328	±30	336	±30
	RDW-CV	%	15.5	±3.0	14.2	±3.0	13.8	±3.0
	RDW-SD	fL	52.3	±10.0	54.9	±10.0	55.3	±12.0
	PLT	$\times10^9$/L	**61**	±20	**254**	±40	**458**	±60
	MPV	fL	8.7	±3.0	8.7	±3.0	9.3	±3.0
	PDW	fL	10.2	±3.0	11.2	±3.0	12.4	±3.0
	PCT	%	0.053	±0.050	0.221	±0.100	0.426	±0.200
	P-LCR	%	25.4	±8.0	27.1	±8.0	31.5	±8.0
	P-LCC	$\times10^9$/L	16	±15	69	±25	140	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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, DF50 Vet and DF52 Vet Instruments.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	**WBC**	$\times10^9$/L	**3.39**	±0.50	**8.25**	±1.00	**18.92**	±2.50
	Neu%	%	50.4	±9.0	56.3	±8.0	63.5	±7.0
	Lym%	%	37.9	±9.0	29.0	±8.0	19.1	±6.0
	Mon%	%	5.3	±4.0	5.6	±5.0	5.0	±5.0
	Eos%	%	6.4	±5.0	9.1	±6.0	12.4	±7.0
	Bas%	%	1.1	±1.1	2.1	±2.1	1.3	±1.3
	Neu#	$\times10^9$/L	1.71	±0.40	4.64	±0.70	12.02	±1.40
	Lym#	$\times10^9$/L	1.28	±0.40	2.39	±0.70	3.61	±1.10
	Mon#	$\times10^9$/L	0.18	±0.14	0.46	±0.46	0.95	±0.95
	Eos#	$\times10^9$/L	0.22	±0.15	0.75	±0.50	2.35	±1.30
	Bas#	$\times10^9$/L	0.04	±0.04	0.17	±0.17	0.25	±0.25
	RBC	$\times10^{12}$/L	**2.23**	±0.18	**4.48**	±0.24	**5.32**	±0.50
	HGB	g/L	**58**	±4	**136**	±6	**176**	±8
	HCT	%	18.1	±2.0	40.5	±3.0	50.7	±4.0
	MCV	fL	**81.4**	±5.0	**90.4**	±5.0	**95.3**	±6.0
	MCH	pg	25.4	±2.5	29.7	±2.5	32.5	±2.5
	MCHC	g/L	322	±30	339	±30	351	±30
	RDW-CV	%	15.1	±3.0	13.8	±3.0	13.2	±3.0
	RDW-SD	fL	50.6	±10.0	53.3	±10.0	52.5	±12.0
	PLT	$\times10^9$/L	**63**	±20	**263**	±40	**474**	±60
	MPV	fL	8.5	±3.0	8.3	±3.0	9.0	±3.0
	PDW	fL	10.1	±3.0	11.7	±3.0	12.8	±3.0
	PCT	%	0.054	±0.050	0.218	±0.100	0.426	±0.200
	P-LCR	%	22.8	±8.0	24.7	±8.0	29.4	±8.0
	P-LCC	$\times10^9$/L	15	±15	65	±25	135	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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, DF50 Vet and DF52 Vet Instruments.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DH71 DH76 (Technical File Version A4.1to A10.3) DH51 DH53 DH56 (Technical File Version A8.1 or higher)	**WBC**	$\times10^9$/L	**3.39**	±0.50	**8.13**	±1.00	**18.71**	±2.50
	Neu%	%	50.5	±9.0	57.1	±8.0	65.3	±7.0
	Lym%	%	39.2	±9.0	30.4	±8.0	20.4	±6.0
	Mon%	%	6.2	±4.0	6.7	±5.0	6.3	±6.0
	Eos%	%	4.1	±4.1	5.8	±5.8	8.0	±7.0
	Bas%	%	61.6	±8.0	70.9	±8.0	80.9	±8.0
	Neu#	$\times10^9$/L	1.71	±0.40	4.64	±0.70	12.22	±1.40
	Lym#	$\times10^9$/L	1.33	±0.40	2.47	±0.70	3.82	±1.10
	Mon#	$\times10^9$/L	0.21	±0.14	0.54	±0.50	1.18	±1.10
	Eos#	$\times10^9$/L	0.14	±0.14	0.47	±0.47	1.50	±1.30
	Bas#	$\times10^9$/L	2.09	±0.30	5.76	±0.70	15.14	±1.50
	RBC	$\times10^{12}$/L	**2.39**	±0.18	**4.50**	±0.24	**5.53**	±0.50
	HGB	g/L	**57**	±4	**134**	±6	**173**	±8
	HCT	%	19.6	±2.0	42.0	±3.0	55.2	±4.0
	MCV	fL	**82.0**	±5.0	**93.2**	±5.0	**99.7**	±6.0
	MCH	pg	24.1	±2.5	29.9	±2.5	31.5	±2.5
	MCHC	g/L	322	±30	327	±30	331	±30
	RDW-CV	%	18.1	±3.0	16.6	±3.0	15.4	±3.0
	RDW-SD	fL	51.0	±10.0	53.1	±10.0	52.8	±12.0
	PLT	$\times10^9$/L	**58**	±20	**248**	±40	**489**	±60
	MPV	fL	9.3	±3.0	9.1	±3.0	9.6	±3.0
	PDW	fL	10.1	±3.0	10.2	±3.0	10.2	±3.0
	PCT	%	0.054	±0.050	0.225	±0.100	0.470	±0.200
	P-LCR	%	22.7	±8.0	21.1	±8.0	24.1	±8.0
	P-LCC	$\times10^9$/L	13	±13	45	±25	97	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DH71 DH76 (Technical File Version A10.4)	**WBC**	$\times10^9$/L	**3.18**	±0.50	**7.47**	±1.00	**16.57**	±2.50
	Neu%	%	49.4	±9.0	56.5	±8.0	65.3	±7.0
	Lym%	%	38.9	±9.0	31.2	±8.0	20.8	±6.0
	Mon%	%	7.2	±4.0	7.0	±5.0	6.5	±6.0
	Eos%	%	4.5	±4.5	5.3	±5.3	7.4	±7.0
	Bas%	%	60.4	±8.0	69.9	±8.0	80.1	±8.0
	Neu#	$\times10^9$/L	1.57	±0.40	4.22	±0.70	10.82	±1.40
	Lym#	$\times10^9$/L	1.24	±0.40	2.33	±0.70	3.45	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.52	±0.50	1.08	±1.08
	Eos#	$\times10^9$/L	0.14	±0.14	0.40	±0.40	1.23	±1.23
	Bas#	$\times10^9$/L	1.92	±0.30	5.22	±0.70	13.28	±1.50
	RBC	$\times10^{12}$/L	**2.28**	±0.18	**4.53**	±0.24	**5.43**	±0.50
	HGB	g/L	**57**	±4	**132**	±6	**170**	±8
	HCT	%	18.3	±2.0	41.0	±3.0	52.2	±4.0
	MCV	fL	**80.3**	±5.0	**90.6**	±5.0	**96.2**	±6.0
	MCH	pg	24.5	±2.5	28.8	±2.5	30.8	±2.5
	MCHC	g/L	310	±30	323	±30	325	±30
	RDW-CV	%	18.0	±3.0	16.7	±3.0	15.5	±3.0
	RDW-SD	fL	52.1	±10.0	54.3	±10.0	53.6	±12.0
	PLT	$\times10^9$/L	**54**	±20	**255**	±40	**488**	±60
	MPV	fL	9.7	±3.0	9.0	±3.0	9.5	±3.0
	PDW	fL	9.6	±3.0	10.2	±3.0	11.2	±3.0
	PCT	%	0.052	±0.050	0.229	±0.100	0.463	±0.200
	P-LCR	%	22.7	±8.0	20.4	±8.0	23.3	±8.0
	P-LCC	$\times10^9$/L	13	±13	54	±25	113	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	**WBC**	$\times10^9$/L	**3.55**	±0.50	**8.46**	±1.00	**19.67**	±2.50
	Neu%	%	49.1	±9.0	56.2	±8.0	64.7	±7.0
	Lym%	%	39.2	±9.0	30.6	±8.0	20.5	±6.0
	Mon%	%	6.7	±4.0	7.1	±5.0	6.5	±6.0
	Eos%	%	5.0	±5.0	6.1	±6.0	8.3	±7.0
	Bas%	%	64.1	±8.0	72.4	±8.0	82.5	±8.0
	Neu#	$\times10^9$/L	1.75	±0.40	4.76	±0.70	12.73	±1.40
	Lym#	$\times10^9$/L	1.39	±0.40	2.59	±0.70	4.03	±1.10
	Mon#	$\times10^9$/L	0.24	±0.14	0.60	±0.50	1.28	±1.10
	Eos#	$\times10^9$/L	0.18	±0.15	0.52	±0.50	1.63	±1.30
	Bas#	$\times10^9$/L	2.28	±0.30	6.13	±0.70	16.23	±1.50
	RBC	$\times10^{12}$/L	**2.28**	±0.18	**4.57**	±0.24	**5.49**	±0.50
	HGB	g/L	**58**	±4	**135**	±6	**174**	±8
	HCT	%	18.2	±2.0	41.2	±3.0	52.6	±4.0
	MCV	fL	**80.0**	±5.0	**90.1**	±5.0	**95.9**	±6.0
	MCH	pg	25.5	±2.5	29.5	±2.5	31.6	±2.5
	MCHC	g/L	326	±30	334	±30	335	±30
	RDW-CV	%	18.2	±3.0	17.0	±3.0	15.7	±3.0
	RDW-SD	fL	52.2	±10.0	54.7	±10.0	53.8	±12.0
	PLT	$\times10^9$/L	**49**	±20	**258**	±40	**500**	±60
	MPV	fL	9.4	±3.0	8.8	±3.0	9.3	±3.0
	PDW	fL	9.1	±3.0	9.7	±3.0	10.8	±3.0
	PCT	%	0.046	±0.046	0.227	±0.100	0.465	±0.200
	P-LCR	%	20.2	±8.0	19.3	±8.0	21.8	±8.0
	P-LCC	$\times10^9$/L	12	±12	50	±25	106	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	**WBC**	$\times10^9$/L	**3.44**	±0.50	**8.11**	±1.00	**18.59**	±2.50
	Neu%	%	49.3	±9.0	55.5	±8.0	64.1	±7.0
	Lym%	%	38.7	±9.0	30.2	±8.0	19.4	±6.0
	Mon%	%	5.8	±4.0	6.2	±5.0	5.8	±5.8
	Eos%	%	6.2	±5.0	8.1	±6.0	10.7	±7.0
	Bas%	%	62.5	±8.0	71.9	±8.0	81.6	±8.0
	Neu#	$\times10^9$/L	1.69	±0.40	4.50	±0.70	11.92	±1.40
	Lym#	$\times10^9$/L	1.33	±0.40	2.45	±0.70	3.61	±1.10
	Mon#	$\times10^9$/L	0.20	±0.14	0.50	±0.50	1.08	±1.08
	Eos#	$\times10^9$/L	0.21	±0.15	0.66	±0.50	1.99	±1.30
	Bas#	$\times10^9$/L	2.15	±0.30	5.83	±0.70	15.17	±1.50
	RBC	$\times10^{12}$/L	**2.24**	±0.18	**4.47**	±0.24	**5.40**	±0.50
	HGB	g/L	**57**	±4	**133**	±6	**170**	±8
	HCT	%	18.9	±2.0	42.9	±3.0	54.9	±4.0
	MCV	fL	**84.5**	±5.0	**95.9**	±5.0	**101.6**	±6.0
	MCH	pg	25.3	±2.5	29.4	±2.5	31.0	±2.5
	MCHC	g/L	304	±30	312	±30	313	±30
	RDW-CV	%	17.8	±3.0	16.4	±3.0	15.8	±3.0
	RDW-SD	fL	52.4	±10.0	54.4	±10.0	55.0	±12.0
	PLT	$\times10^9$/L	**53**	±20	**261**	±40	**507**	±60
	MPV	fL	10.0	±3.0	9.3	±3.0	9.9	±3.0
	PDW	fL	9.8	±3.0	10.8	±3.0	11.9	±3.0
	PCT	%	0.053	±0.050	0.243	±0.100	0.502	±0.200
	P-LCR	%	23.5	±8.0	22.1	±8.0	25.8	±8.0
	P-LCC	$\times10^9$/L	14	±14	58	±25	125	±35
	PDW	/	10.1	±3.0	10.2	±3.0	9.7	±3.0

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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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2024-02-11

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	**WBC**	$\times10^9$/L	**3.42**	±0.50	**8.22**	±1.00	**18.89**	±2.50
	Neu%	%	49.8	±9.0	56.6	±8.0	65.2	±7.0
	Lym%	%	39.2	±9.0	30.7	±8.0	20.6	±6.0
	Mon%	%	6.7	±4.0	7.1	±5.0	6.5	±6.0
	Eos%	%	4.3	±4.3	5.6	±5.6	7.7	±7.0
	Bas%	%	63.4	±8.0	72.3	±8.0	82.1	±8.0
	Neu#	$\times10^9$/L	1.70	±0.40	4.65	±0.70	12.32	±1.40
	Lym#	$\times10^9$/L	1.34	±0.40	2.52	±0.70	3.89	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.58	±0.50	1.23	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.46	±0.46	1.45	±1.30
	Bas#	$\times10^9$/L	2.17	±0.30	5.94	±0.70	15.51	±1.50
	RBC	$\times10^{12}$/L	**2.22**	±0.18	**4.51**	±0.24	**5.37**	±0.50
	HGB	g/L	**57**	±4	**133**	±6	**170**	±8
	HCT	%	18.1	±2.0	40.9	±3.0	51.6	±4.0
	MCV	fL	**81.4**	±5.0	**90.7**	±5.0	**96.0**	±6.0
	MCH	pg	25.5	±2.5	29.6	±2.5	31.7	±2.5
	MCHC	g/L	320	±30	332	±30	335	±30
	RDW-CV	%	18.2	±3.0	17.1	±3.0	15.8	±3.0
	RDW-SD	fL	52.8	±10.0	55.2	±10.0	54.6	±12.0
	PLT	$\times10^9$/L	**50**	±20	**261**	±40	**516**	±60
	MPV	fL	9.8	±3.0	9.1	±3.0	9.8	±3.0
	PDW	fL	10.0	±3.0	10.6	±3.0	11.6	±3.0
	PCT	%	0.049	±0.049	0.237	±0.100	0.505	±0.200
	P-LCR	%	22.3	±8.0	21.1	±8.0	25.0	±8.0
	P-LCC	$\times10^9$/L	13	±13	56	±25	127	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	**WBC**	$\times10^9$/L	**3.72**	±0.50	**8.75**	±1.00	**20.19**	±2.50
	Neu%	%	50.2	±9.0	55.9	±8.0	64.3	±7.0
	Lym%	%	38.8	±9.0	30.8	±8.0	20.5	±6.0
	Mon%	%	6.9	±4.0	6.9	±5.0	6.6	±6.0
	Eos%	%	4.1	±4.1	6.4	±6.0	8.6	±7.0
	Bas%	%	64.0	±8.0	72.8	±8.0	82.8	±8.0
	Neu#	$\times10^9$/L	1.87	±0.40	4.89	±0.70	12.98	±1.40
	Lym#	$\times10^9$/L	1.44	±0.40	2.69	±0.70	4.14	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.60	±0.50	1.33	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.56	±0.50	1.74	±1.30
	Bas#	$\times10^9$/L	2.38	±0.30	6.37	±0.70	16.72	±1.50
	RBC	$\times10^{12}$/L	**2.28**	±0.18	**4.53**	±0.24	**5.41**	±0.50
	HGB	g/L	**58**	±4	**135**	±6	**172**	±8
	HCT	%	18.3	±2.0	40.8	±3.0	51.9	±4.0
	MCV	fL	**80.3**	±5.0	**90.1**	±5.0	**95.9**	±6.0
	MCH	pg	24.9	±2.5	29.1	±2.5	31.2	±2.5
	MCHC	g/L	314	±30	327	±30	329	±30
	RDW-CV	%	17.9	±3.0	16.7	±3.0	15.4	±3.0
	RDW-SD	fL	52.1	±10.0	54.1	±10.0	53.2	±12.0
	PLT	$\times10^9$/L	**50**	±20	**251**	±40	**493**	±60
	MPV	fL	9.2	±3.0	8.5	±3.0	9.0	±3.0
	PDW	fL	8.5	±3.0	9.3	±3.0	10.0	±3.0
	PCT	%	0.046	±0.046	0.213	±0.100	0.444	±0.200
	P-LCR	%	19.1	±8.0	17.4	±8.0	19.9	±8.0
	P-LCC	$\times10^9$/L	11	±11	44	±25	94	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

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2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	**WBC**	$\times10^9$/L	**3.50**	±0.50	**8.28**	±1.00	**18.87**	±2.50
	Neu%	%	50.0	±9.0	56.6	±8.0	65.5	±7.0
	Lym%	%	38.5	±9.0	30.6	±8.0	20.4	±6.0
	Mon%	%	7.1	±4.0	7.4	±5.0	6.6	±6.0
	Eos%	%	4.4	±4.4	5.4	±5.4	7.5	±7.0
	Bas%	%	63.2	±8.0	72.2	±8.0	81.9	±8.0
	Neu#	$\times10^9$/L	1.75	±0.40	4.69	±0.70	12.36	±1.40
	Lym#	$\times10^9$/L	1.35	±0.40	2.53	±0.70	3.85	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.61	±0.50	1.25	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.45	±0.45	1.41	±1.30
	Bas#	$\times10^9$/L	2.21	±0.30	5.98	±0.70	15.45	±1.50
	RBC	$\times10^{12}$/L	**2.24**	±0.18	**4.51**	±0.24	**5.37**	±0.50
	HGB	g/L	**60**	±4	**133**	±6	**169**	±8
	HCT	%	18.0	±2.0	40.5	±3.0	51.1	±4.0
	MCV	fL	**80.5**	±5.0	**89.9**	±5.0	**95.3**	±6.0
	MCH	pg	26.6	±2.5	29.6	±2.5	31.6	±2.5
	MCHC	g/L	336	±30	335	±30	337	±30
	RDW-CV	%	18.1	±3.0	16.9	±3.0	15.6	±3.0
	RDW-SD	fL	52.0	±10.0	54.2	±10.0	53.5	±12.0
	PLT	$\times10^9$/L	**56**	±20	**256**	±40	**501**	±60
	MPV	fL	8.4	±3.0	8.6	±3.0	9.1	±3.0
	PDW	fL	9.8	±3.0	9.4	±3.0	10.3	±3.0
	PCT	%	0.047	±0.047	0.220	±0.100	0.456	±0.200
	P-LCR	%	18.0	±8.0	17.7	±8.0	20.6	±8.0
	P-LCC	$\times10^9$/L	12	±12	46	±25	100	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	**WBC**	$\times10^9$/L	**3.64**	±0.50	**8.56**	±1.00	**19.62**	±2.50
	Neu%	%	50.0	±9.0	55.2	±8.0	63.6	±7.0
	Lym%	%	38.1	±9.0	30.2	±8.0	20.0	±6.0
	Mon%	%	6.8	±4.0	7.1	±5.0	6.4	±6.0
	Eos%	%	5.1	±5.0	7.5	±6.0	10.0	±7.0
	Bas%	%	63.8	±8.0	72.7	±8.0	82.3	±8.0
	Neu#	$\times10^9$/L	1.82	±0.40	4.73	±0.70	12.48	±1.40
	Lym#	$\times10^9$/L	1.39	±0.40	2.59	±0.70	3.92	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.61	±0.50	1.26	±1.10
	Eos#	$\times10^9$/L	0.19	±0.15	0.64	±0.50	1.96	±1.30
	Bas#	$\times10^9$/L	2.32	±0.30	6.22	±0.70	16.14	±1.50
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.61**	±0.24	**5.50**	±0.50
	HGB	g/L	**60**	±4	**135**	±6	**172**	±8
	HCT	%	18.5	±2.0	41.6	±3.0	52.7	±4.0
	MCV	fL	**80.7**	±5.0	**90.3**	±5.0	**95.7**	±6.0
	MCH	pg	25.8	±2.5	29.0	±2.5	30.9	±2.5
	MCHC	g/L	324	±30	325	±30	326	±30
	RDW-CV	%	18.0	±3.0	16.7	±3.0	15.4	±3.0
	RDW-SD	fL	52.8	±10.0	54.7	±10.0	53.8	±12.0
	PLT	$\times10^9$/L	**54**	±20	**263**	±40	**514**	±60
	MPV	fL	8.8	±3.0	8.8	±3.0	9.2	±3.0
	PDW	fL	10.3	±3.0	9.8	±3.0	10.6	±3.0
	PCT	%	0.048	±0.048	0.232	±0.100	0.473	±0.200
	P-LCR	%	20.2	±8.0	19.1	±8.0	21.7	±8.0
	P-LCC	$\times10^9$/L	13	±13	51	±25	109	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF50 Vet DF52 Vet DF55 Vet DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	**WBC**	$\times10^9$/L	**3.35**	±0.50	**8.07**	±1.00	**18.49**	±2.50
	Neu%	%	49.0	±9.0	55.7	±8.0	61.9	±7.0
	Lym%	%	38.2	±9.0	29.9	±8.0	18.7	±6.0
	Mon%	%	5.7	±4.0	5.0	±5.0	7.0	±7.0
	Eos%	%	7.1	±5.0	9.4	±6.0	12.4	±7.0
	Bas%	%	1.0	±1.0	1.4	±1.4	1.0	±1.0
	Neu#	$\times10^9$/L	1.64	±0.40	4.49	±0.70	11.45	±1.40
	Lym#	$\times10^9$/L	1.28	±0.40	2.41	±0.70	3.46	±1.10
	Mon#	$\times10^9$/L	0.19	±0.14	0.40	±0.40	1.29	±1.29
	Eos#	$\times10^9$/L	0.24	±0.15	0.76	±0.50	2.29	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.11	±0.11	0.18	±0.18
	RBC	$\times10^{12}$/L	**2.35**	±0.18	**4.67**	±0.24	**5.56**	±0.50
	HGB	g/L	**57**	±4	**134**	±6	**176**	±8
	HCT	%	19.1	±2.0	42.8	±3.0	54.7	±4.0
	MCV	fL	**81.2**	±5.0	**91.8**	±5.0	**98.3**	±6.0
	MCH	pg	24.2	±2.5	28.6	±2.5	31.4	±2.5
	MCHC	g/L	307	±30	321	±30	328	±30
	RDW-CV	%	14.2	±3.0	13.5	±3.0	12.6	±3.0
	RDW-SD	fL	47.8	±10.0	50.5	±10.0	50.0	±12.0
	PLT	$\times10^9$/L	**61**	±20	**257**	±40	**461**	±60
	MPV	fL	8.7	±3.0	8.3	±3.0	8.9	±3.0
	PDW	fL	9.6	±3.0	10.8	±3.0	12.0	±3.0
	PCT	%	0.053	±0.050	0.213	±0.100	0.410	±0.200

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A4.0 to A5.7)	**WBC**	$\times10^9$/L	**3.35**	±0.50	**8.10**	±1.00	**18.65**	±2.50
	Neu%	%	49.0	±9.0	56.5	±8.0	63.3	±7.0
	Lym%	%	38.3	±9.0	28.8	±8.0	19.1	±6.0
	Mon%	%	5.5	±4.0	5.5	±5.0	5.1	±5.1
	Eos%	%	7.2	±5.0	9.2	±6.0	12.5	±7.0
	Bas%	%	2.2	±2.2	3.1	±3.1	1.7	±1.7
	Neu#	$\times10^9$/L	1.64	±0.40	4.57	±0.70	11.81	±1.40
	Lym#	$\times10^9$/L	1.28	±0.40	2.33	±0.70	3.56	±1.10
	Mon#	$\times10^9$/L	0.18	±0.14	0.45	±0.45	0.95	±0.95
	Eos#	$\times10^9$/L	0.24	±0.15	0.74	±0.50	2.33	±1.30
	Bas#	$\times10^9$/L	0.07	±0.07	0.25	±0.25	0.32	±0.32
	RBC	$\times10^{12}$/L	**2.25**	±0.18	**4.47**	±0.24	**5.36**	±0.50
	HGB	g/L	**58**	±4	**132**	±6	**171**	±8
	HCT	%	18.4	±2.0	41.5	±3.0	53.1	±4.0
	MCV	fL	**81.9**	±5.0	**92.8**	±5.0	**98.9**	±6.0
	MCH	pg	25.7	±2.5	29.5	±2.5	31.9	±2.5
	MCHC	g/L	319	±30	324	±30	328	±30
	RDW-CV	%	15.4	±3.0	14.4	±3.0	13.5	±3.0
	RDW-SD	fL	52.0	±10.0	54.5	±10.0	54.3	±12.0
	PLT	$\times10^9$/L	**56**	±20	**254**	±40	**464**	±60
	MPV	fL	8.6	±3.0	8.2	±3.0	8.9	±3.0
	PDW	fL	9.1	±3.0	10.4	±3.0	11.6	±3.0
	PCT	%	0.048	±0.048	0.208	±0.100	0.413	±0.200
	P-LCR	%	22.1	±8.0	23.4	±8.0	28.4	±8.0
	P-LCC	$\times10^9$/L	14	±14	59	±25	128	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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

CONTROL

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0)	**WBC**	$\times10^9$/L	**3.50**	±0.50	**8.53**	±1.00	**19.93**	±2.50
	Neu%	%	49.6	±9.0	55.3	±8.0	63.0	±7.0
	Lym%	%	38.2	±9.0	29.6	±8.0	19.5	±6.0
	Mon%	%	5.7	±4.0	6.0	±5.0	5.3	±5.3
	Eos%	%	6.5	±5.0	9.1	±6.0	12.2	±7.0
	Bas%	%	1.0	±1.0	1.8	±1.8	1.2	±1.2
	Neu#	$\times10^9$/L	1.73	±0.40	4.71	±0.70	12.56	±1.40
	Lym#	$\times10^9$/L	1.34	±0.40	2.52	±0.70	3.89	±1.10
	Mon#	$\times10^9$/L	0.20	±0.14	0.51	±0.50	1.06	±1.06
	Eos#	$\times10^9$/L	0.23	±0.15	0.78	±0.50	2.43	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.15	±0.15	0.24	±0.24
	RBC	$\times10^{12}$/L	**2.25**	±0.18	**4.47**	±0.24	**5.34**	±0.50
	HGB	g/L	**58**	±4	**132**	±6	**173**	±8
	HCT	%	18.2	±2.0	40.0	±3.0	50.4	±4.0
	MCV	fL	**80.6**	±5.0	**89.5**	±5.0	**94.5**	±6.0
	MCH	pg	25.3	±2.5	29.2	±2.5	31.9	±2.5
	MCHC	g/L	322	±30	336	±30	347	±30
	RDW-CV	%	15.7	±3.0	15.0	±3.0	14.0	±3.0
	RDW-SD	fL	52.3	±10.0	55.6	±10.0	55.4	±12.0
	PLT	$\times10^9$/L	**60**	±20	**261**	±40	**480**	±60
	MPV	fL	8.6	±3.0	8.1	±3.0	8.8	±3.0
	PDW	fL	8.8	±3.0	10.2	±3.0	11.3	±3.0
	PCT	%	0.051	±0.050	0.211	±0.100	0.422	±0.200
	P-LCR	%	22.6	±8.0	23.1	±8.0	27.6	±8.0
	P-LCC	$\times10^9$/L	15	±15	61	±25	129	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	**WBC**	$\times10^9$/L	**3.58**	±0.50	**8.71**	±1.00	**20.25**	±2.50
	Neu%	%	49.8	±9.0	55.3	±8.0	62.6	±7.0
	Lym%	%	37.8	±9.0	29.5	±8.0	20.0	±6.0
	Mon%	%	5.9	±4.0	6.2	±5.0	5.3	±5.3
	Eos%	%	6.5	±5.0	9.0	±6.0	12.1	±7.0
	Bas%	%	0.9	±0.9	1.6	±1.6	1.1	±1.1
	Neu#	$\times10^9$/L	1.78	±0.40	4.82	±0.70	12.68	±1.40
	Lym#	$\times10^9$/L	1.35	±0.40	2.57	±0.70	4.05	±1.10
	Mon#	$\times10^9$/L	0.21	±0.14	0.54	±0.50	1.07	±1.07
	Eos#	$\times10^9$/L	0.23	±0.15	0.78	±0.50	2.45	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.14	±0.14	0.22	±0.22
	RBC	$\times10^{12}$/L	**2.25**	±0.18	**4.44**	±0.24	**5.31**	±0.50
	HGB	g/L	**59**	±4	**133**	±6	**173**	±8
	HCT	%	18.2	±2.0	39.7	±3.0	50.1	±4.0
	MCV	fL	**80.7**	±5.0	**89.3**	±5.0	**94.3**	±6.0
	MCH	pg	25.6	±2.5	29.5	±2.5	32.1	±2.5
	MCHC	g/L	323	±30	336	±30	345	±30
	RDW-CV	%	16.0	±3.0	15.4	±3.0	14.5	±3.0
	RDW-SD	fL	54.3	±10.0	58.4	±10.0	58.4	±12.0
	PLT	$\times10^9$/L	**46**	±20	**256**	±40	**513**	±60
	MPV	fL	8.7	±3.0	8.1	±3.0	8.8	±3.0
	PDW	fL	8.8	±3.0	10.1	±3.0	11.1	±3.0
	PCT	%	0.040	±0.040	0.207	±0.100	0.451	±0.200
	P-LCR	%	23.0	±8.0	22.8	±8.0	27.5	±8.0
	P-LCC	$\times10^9$/L	13	±13	59	±25	140	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.45**	±0.50	**8.10**	±1.00	**18.26**	±2.50
	Neu%	%	49.6	±9.0	55.3	±8.0	63.6	±7.0
	Lym%	%	38.4	±9.0	29.5	±8.0	19.5	±6.0
	Mon%	%	6.8	±4.0	7.5	±5.0	6.6	±6.0
	Eos%	%	5.2	±5.0	7.7	±6.0	10.3	±7.0
	Bas%	%	61.5	±8.0	70.5	±8.0	80.8	±8.0
	Neu#	$\times10^9$/L	1.71	±0.40	4.48	±0.70	11.62	±1.40
	Lym#	$\times10^9$/L	1.33	±0.40	2.39	±0.70	3.56	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.61	±0.50	1.21	±1.10
	Eos#	$\times10^9$/L	0.18	±0.15	0.62	±0.50	1.88	±1.30
	Bas#	$\times10^9$/L	2.12	±0.30	5.71	±0.70	14.76	±1.50
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.61**	±0.24	**5.54**	±0.50
	HGB	g/L	**60**	±4	**134**	±6	**171**	±8
	HCT	%	18.1	±2.0	41.4	±3.0	53.1	±4.0
	MCV	fL	**79.1**	±5.0	**89.8**	±5.0	**95.7**	±6.0
	MCH	pg	25.8	±2.5	28.9	±2.5	30.5	±2.5
	MCHC	g/L	331	±30	326	±30	324	±30
	RDW-CV	%	17.8	±3.0	16.6	±3.0	15.3	±3.0
	RDW-SD	fL	51.1	±10.0	53.2	±10.0	52.5	±12.0
	PLT	$\times10^9$/L	**51**	±20	**256**	±40	**509**	±60
	MPV	fL	9.1	±3.0	9.1	±3.0	9.5	±3.0
	PDW	fL	10.9	±3.0	10.4	±3.0	11.3	±3.0
	PCT	%	0.047	±0.047	0.233	±0.100	0.484	±0.200
	P-LCR	%	21.9	±8.0	20.9	±8.0	23.6	±8.0
	P-LCC	$\times10^9$/L	13	±13	54	±25	118	±35

【NOTE】

1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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.

BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.49**	±0.50	**8.27**	±1.00	**18.96**	±2.50
	Neu%	%	49.6	±9.0	55.6	±8.0	63.7	±7.0
	Lym%	%	38.6	±9.0	29.9	±8.0	20.0	±6.0
	Mon%	%	6.5	±4.0	6.9	±5.0	6.3	±6.0
	Eos%	%	4.3	±4.3	6.6	±6.0	9.0	±7.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	$\times10^9$/L	1.73	±0.40	4.60	±0.70	12.08	±1.40
	Lym#	$\times10^9$/L	1.35	±0.40	2.47	±0.70	3.79	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.57	±0.50	1.19	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.55	±0.50	1.71	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.08	±0.08	0.19	±0.19
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.53**	±0.24	**5.41**	±0.50
	HGB	g/L	**60**	±4	**134**	±6	**170**	±8
	HCT	%	18.2	±2.0	40.8	±3.0	51.9	±4.0
	MCV	fL	**79.4**	±5.0	**90.0**	±5.0	**96.0**	±6.0
	MCH	pg	25.8	±2.5	29.2	±2.5	31.2	±2.5
	MCHC	g/L	332	±30	330	±30	331	±30
	RDW-CV	%	18.3	±3.0	17.0	±3.0	15.7	±3.0
	RDW-SD	fL	45.4	±10.0	47.3	±10.0	46.5	±12.0
	PLT	$\times10^9$/L	**45**	±20	**241**	±40	**464**	±60
	MPV	fL	9.2	±3.0	8.1	±3.0	8.7	±3.0
	PDW	fL	7.7	±3.0	8.6	±3.0	9.4	±3.0
	PCT	%	0.042	±0.042	0.195	±0.100	0.404	±0.200
	P-LCR	%	16.9	±8.0	15.6	±8.0	18.7	±8.0
	P-LCC	$\times10^9$/L	10	±10	38	±25	84	±35

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BC0324L BC0324N BC0324H

DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

2024-02-11

2024-05-10

Applicable Instruments	Parameter	Unit	LOT BC0324L		LOT BC0324N		LOT BC0324H	
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.4 or higher)	**WBC**	$\times10^9$/L	**3.20**	±0.50	**7.76**	±1.00	**17.85**	±2.50
	Neu%	%	48.2	±9.0	54.0	±8.0	61.4	±7.0
	Lym%	%	37.5	±9.0	28.9	±8.0	19.3	±6.0
	Mon%	%	6.1	±4.0	6.4	±5.0	5.6	±5.6
	Eos%	%	6.7	±5.0	9.2	±6.0	12.2	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	1.5	±1.5
	Neu#	$\times10^9$/L	1.54	±0.40	4.19	±0.70	10.96	±1.40
	Lym#	$\times10^9$/L	1.20	±0.40	2.24	±0.70	3.44	±1.10
	Mon#	$\times10^9$/L	0.20	±0.14	0.50	±0.50	1.00	±1.00
	Eos#	$\times10^9$/L	0.21	±0.15	0.71	±0.50	2.18	±1.30
	Bas#	$\times10^9$/L	0.05	±0.05	0.12	±0.12	0.27	±0.27
	RBC	$\times10^{12}$/L	**2.25**	±0.18	**4.39**	±0.24	**5.19**	±0.50
	HGB	g/L	**57**	±4	**134**	±6	**175**	±8
	HCT	%	18.1	±2.0	39.2	±3.0	49.1	±4.0
	MCV	fL	**80.2**	±5.0	**89.4**	±5.0	**94.5**	±6.0
	MCH	pg	25.8	±2.5	30.9	±2.5	33.2	±2.5
	MCHC	g/L	331	±30	355	±30	355	±30
	RDW-CV	%	14.1	±3.0	13.3	±3.0	12.4	±3.0
	RDW-SD	fL	49.9	±10.0	52.7	±10.0	52.2	±12.0
	PLT	$\times10^9$/L	**57**	±20	**255**	±40	**483**	±60
	MPV	fL	8.5	±3.0	8.2	±3.0	8.7	±3.0
	PDW	fL	9.0	±3.0	10.6	±3.0	11.6	±3.0
	PCT	%	0.049	±0.049	0.209	±0.100	0.421	±0.200

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BC0324L BC0324N BC0324H