DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	**WBC**	$\times10^9$/L	**3.61**	±0.50	**9.03**	±1.00	**20.37**	±2.50
	Neu%	%	49.7	±9.0	56.8	±8.0	65.8	±7.0
	Lym%	%	39.0	±9.0	31.5	±8.0	21.2	±6.0
	Mon%	%	8.1	±4.0	7.5	±5.0	7.2	±6.0
	Eos%	%	3.2	±3.2	4.2	±4.2	5.8	±5.8
	Bas%	%	63.5	±8.0	71.1	±8.0	81.1	±8.0
	Neu#	$\times10^9$/L	1.79	±0.40	5.13	±0.70	13.40	±1.40
	Lym#	$\times10^9$/L	1.41	±0.40	2.84	±0.70	4.32	±1.10
	Mon#	$\times10^9$/L	0.29	±0.14	0.68	±0.50	1.47	±1.10
	Eos#	$\times10^9$/L	0.12	±0.12	0.38	±0.38	1.18	±1.18
	Bas#	$\times10^9$/L	2.29	±0.30	6.42	±0.70	16.52	±1.50
	RBC	$\times10^{12}$/L	**2.27**	±0.18	**4.57**	±0.24	**5.31**	±0.50
	HGB	g/L	**59**	±4	**133**	±6	**167**	±8
	HCT	%	18.8	±2.0	40.8	±3.0	51.0	±4.0
	MCV	fL	**83.0**	±5.0	**89.3**	±5.0	**96.0**	±6.0
	MCH	pg	26.0	±2.5	29.1	±2.5	31.5	±2.5
	MCHC	g/L	314	±30	326	±30	327	±30
	RDW-CV	%	17.7	±3.0	16.8	±3.0	16.0	±3.0
	RDW-SD	fL	53.7	±10.0	54.8	±10.0	55.9	±12.0
	PLT	$\times10^9$/L	**44**	±20	**251**	±40	**514**	±60
	MPV	fL	9.7	±3.0	8.9	±3.0	8.3	±3.0
	PDW	fL	9.6	±3.0	10.1	±3.0	9.1	±3.0
	PCT	%	0.043	±0.043	0.223	±0.100	0.427	±0.200
	P-LCR	%	23.3	±8.0	19.5	±8.0	16.1	±8.0
	P-LCC	$\times10^9$/L	12	±12	49	±25	83	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	**WBC**	$\times10^9$/L	**3.46**	±0.50	**8.61**	±1.00	**19.22**	±2.50
	Neu%	%	48.2	±9.0	54.7	±8.0	63.2	±7.0
	Lym%	%	38.6	±9.0	30.3	±8.0	20.7	±6.0
	Mon%	%	7.4	±4.0	7.7	±5.0	6.6	±6.0
	Eos%	%	4.9	±4.9	6.5	±6.0	8.6	±7.0
	Bas%	%	0.9	±0.9	0.8	±0.8	0.9	±0.9
	Neu#	$\times10^9$/L	1.66	±0.40	4.71	±0.70	12.15	±1.40
	Lym#	$\times10^9$/L	1.34	±0.40	2.61	±0.70	3.98	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.66	±0.50	1.27	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.56	±0.50	1.65	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.07	±0.07	0.17	±0.17
	RBC	$\times10^{12}$/L	**2.31**	±0.18	**4.63**	±0.24	**5.39**	±0.50
	HGB	g/L	**61**	±4	**136**	±6	**170**	±8
	HCT	%	18.9	±2.0	41.5	±3.0	52.4	±4.0
	MCV	fL	**82.0**	±5.0	**89.6**	±5.0	**97.2**	±6.0
	MCH	pg	26.4	±2.5	29.4	±2.5	31.5	±2.5
	MCHC	g/L	323	±30	328	±30	324	±30
	RDW-CV	%	17.7	±3.0	16.7	±3.0	16.0	±3.0
	RDW-SD	fL	55.1	±10.0	56.3	±10.0	57.4	±12.0
	PLT	$\times10^9$/L	**48**	±20	**241**	±40	**488**	±60
	MPV	fL	9.5	±3.0	8.9	±3.0	8.3	±3.0
	PDW	fL	10.1	±3.0	10.1	±3.0	8.9	±3.0
	PCT	%	0.046	±0.046	0.214	±0.100	0.405	±0.200
	P-LCR	%	20.9	±8.0	19.1	±8.0	16.0	±8.0
	P-LCC	$\times10^9$/L	11	±11	46	±25	78	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	**RBC**	$\times10^{12}$/L	**2.38**	±0.18	**4.72**	±0.24	**5.45**	±0.50
	HGB	g/L	**60**	±4	**135**	±6	**169**	±8
	HCT	%	19.9	±2.0	43.1	±3.0	53.6	±4.0
	MCV	fL	**83.5**	±5.0	**91.3**	±5.0	**98.3**	±6.0
	MCH	pg	25.2	±2.5	28.6	±2.5	31.0	±2.5
	MCHC	g/L	302	±30	313	±30	315	±30
	RDW-CV	%	17.7	±3.0	16.9	±3.0	16.2	±3.0
	RDW-SD	fL	51.7	±10.0	53.3	±10.0	54.7	±12.0
	PLT	$\times10^{9}$/L	**51**	±20	**228**	±40	**419**	±60
	MPV	fL	8.2	±3.0	8.9	±3.0	8.6	±3.0
	PDW	fL	8.8	±3.0	10.6	±3.0	9.7	±3.0
	PCT	%	0.042	±0.042	0.203	±0.100	0.360	±0.200
	P-LCR	%	17.6	±8.0	19.3	±8.0	16.9	±8.0
	P-LCC	$\times10^{9}$/L	11	±11	44	±25	71	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	**WBC**	$\times10^9$/L	**3.49**	±0.50	**8.63**	±1.00	**19.19**	±2.50
	Neu%	%	50.0	±9.0	56.2	±8.0	63.9	±7.0
	Lym%	%	38.0	±9.0	31.4	±8.0	20.6	±6.0
	Mon%	%	7.0	±4.0	4.6	±4.6	5.5	±5.5
	Eos%	%	5.0	±5.0	7.8	±6.0	10.0	±7.0
	Bas%	%	1.2	±1.2	2.3	±2.3	1.2	±1.2
	Neu#	$\times10^9$/L	1.75	±0.40	4.85	±0.70	12.26	±1.40
	Lym#	$\times10^9$/L	1.33	±0.40	2.71	±0.70	3.95	±1.10
	Mon#	$\times10^9$/L	0.24	±0.14	0.40	±0.40	1.06	±1.06
	Eos#	$\times10^9$/L	0.17	±0.15	0.67	±0.50	1.92	±1.30
	Bas#	$\times10^9$/L	0.04	±0.04	0.20	±0.20	0.23	±0.23
	RBC	$\times10^{12}$/L	**2.33**	±0.18	**4.61**	±0.24	**5.33**	±0.50
	HGB	g/L	**60**	±4	**133**	±6	**170**	±8
	HCT	%	19.2	±2.0	40.5	±3.0	50.0	±4.0
	MCV	fL	**82.4**	±5.0	**87.8**	±5.0	**93.8**	±6.0
	MCH	pg	25.8	±2.5	28.9	±2.5	31.9	±2.5
	MCHC	g/L	313	±30	328	±30	340	±30
	RDW-CV	%	15.0	±3.0	14.4	±3.0	13.8	±3.0
	RDW-SD	fL	52.2	±10.0	54.0	±10.0	55.2	±12.0
	PLT	$\times10^9$/L	**55**	±20	**249**	±40	**460**	±60
	MPV	fL	9.0	±3.0	8.7	±3.0	8.3	±3.0
	PDW	fL	9.9	±3.0	11.3	±3.0	10.4	±3.0
	PCT	%	0.050	±0.050	0.217	±0.100	0.382	±0.200
	P-LCR	%	27.3	±8.0	26.9	±8.0	24.3	±8.0
	P-LCC	$\times10^9$/L	15	±15	67	±25	112	±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.

BC0326L BC0326N BC0326H

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Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	**WBC**	$\times10^9$/L	**3.44**	±0.50	**8.55**	±1.00	**19.10**	±2.50
	Neu%	%	50.3	±9.0	56.7	±8.0	64.6	±7.0
	Lym%	%	38.7	±9.0	30.3	±8.0	20.3	±6.0
	Mon%	%	6.1	±4.0	5.4	±5.0	5.4	±5.4
	Eos%	%	4.9	±4.9	7.6	±6.0	9.7	±7.0
	Bas%	%	1.2	±1.2	2.1	±2.1	0.9	±0.9
	Neu#	$\times10^9$/L	1.73	±0.40	4.85	±0.70	12.34	±1.40
	Lym#	$\times10^9$/L	1.33	±0.40	2.59	±0.70	3.88	±1.10
	Mon#	$\times10^9$/L	0.21	±0.14	0.46	±0.46	1.03	±1.03
	Eos#	$\times10^9$/L	0.17	±0.15	0.65	±0.50	1.85	±1.30
	Bas#	$\times10^9$/L	0.04	±0.04	0.18	±0.18	0.17	±0.17
	RBC	$\times10^{12}$/L	**2.24**	±0.18	**4.44**	±0.24	**5.16**	±0.50
	HGB	g/L	**59**	±4	**133**	±6	**172**	±8
	HCT	%	18.3	±2.0	38.9	±3.0	48.4	±4.0
	MCV	fL	**81.5**	±5.0	**87.5**	±5.0	**93.8**	±6.0
	MCH	pg	26.3	±2.5	30.0	±2.5	33.3	±2.5
	MCHC	g/L	322	±30	342	±30	355	±30
	RDW-CV	%	14.8	±3.0	14.2	±3.0	13.6	±3.0
	RDW-SD	fL	50.8	±10.0	52.2	±10.0	53.3	±12.0
	PLT	$\times10^9$/L	**52**	±20	**247**	±40	**465**	±60
	MPV	fL	8.6	±3.0	8.1	±3.0	7.8	±3.0
	PDW	fL	9.7	±3.0	11.1	±3.0	10.3	±3.0
	PCT	%	0.045	±0.045	0.200	±0.100	0.363	±0.200
	P-LCR	%	22.9	±8.0	23.5	±8.0	21.5	±8.0
	P-LCC	$\times10^9$/L	14	±14	58	±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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.

BC0326L BC0326N BC0326H

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DH71 DH76 (Technical File Version A4.1to A10.3) DH51 DH53 DH56 (Technical File Version A8.1 or higher)	**WBC**	$\times10^9$/L	**3.49**	±0.50	**8.45**	±1.00	**18.77**	±2.50
	Neu%	%	49.1	±9.0	56.8	±8.0	63.1	±7.0
	Lym%	%	38.4	±9.0	30.9	±8.0	20.9	±6.0
	Mon%	%	7.5	±4.0	6.7	±5.0	7.4	±6.0
	Eos%	%	5.0	±5.0	5.6	±5.6	8.6	±7.0
	Bas%	%	63.0	±8.0	70.9	±8.0	80.7	±8.0
	Neu#	$\times10^9$/L	1.72	±0.40	4.80	±0.70	11.85	±1.40
	Lym#	$\times10^9$/L	1.34	±0.40	2.61	±0.70	3.92	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.57	±0.50	1.39	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.47	±0.47	1.61	±1.30
	Bas#	$\times10^9$/L	2.20	±0.30	5.99	±0.70	15.15	±1.50
	RBC	$\times10^{12}$/L	**2.22**	±0.18	**4.48**	±0.24	**5.16**	±0.50
	HGB	g/L	**59**	±4	**134**	±6	**168**	±8
	HCT	%	18.6	±2.0	41.0	±3.0	50.8	±4.0
	MCV	fL	**84.0**	±5.0	**91.5**	±5.0	**98.4**	±6.0
	MCH	pg	26.6	±2.5	29.9	±2.5	32.6	±2.5
	MCHC	g/L	317	±30	327	±30	331	±30
	RDW-CV	%	17.6	±3.0	16.8	±3.0	16.1	±3.0
	RDW-SD	fL	50.5	±10.0	52.0	±10.0	53.2	±12.0
	PLT	$\times10^9$/L	**42**	±20	**241**	±40	**489**	±60
	MPV	fL	9.9	±3.0	9.1	±3.0	8.6	±3.0
	PDW	fL	9.7	±3.0	10.4	±3.0	9.5	±3.0
	PCT	%	0.042	±0.042	0.219	±0.100	0.421	±0.200
	P-LCR	%	24.6	±8.0	20.7	±8.0	17.4	±8.0
	P-LCC	$\times10^9$/L	12	±12	50	±25	85	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	**WBC**	$\times10^9$/L	**3.62**	±0.50	**8.87**	±1.00	**19.69**	±2.50
	Neu%	%	48.5	±9.0	56.9	±8.0	65.4	±7.0
	Lym%	%	39.6	±9.0	31.6	±8.0	21.3	±6.0
	Mon%	%	7.5	±4.0	7.0	±5.0	7.2	±6.0
	Eos%	%	4.4	±4.4	4.5	±4.5	6.1	±6.1
	Bas%	%	62.8	±8.0	71.5	±8.0	81.3	±8.0
	Neu#	$\times10^9$/L	1.76	±0.40	5.05	±0.70	12.88	±1.40
	Lym#	$\times10^9$/L	1.43	±0.40	2.80	±0.70	4.19	±1.10
	Mon#	$\times10^9$/L	0.27	±0.14	0.62	±0.50	1.42	±1.10
	Eos#	$\times10^9$/L	0.16	±0.15	0.40	±0.40	1.20	±1.20
	Bas#	$\times10^9$/L	2.27	±0.30	6.34	±0.70	16.01	±1.50
	RBC	$\times10^{12}$/L	**2.32**	±0.18	**4.67**	±0.24	**5.41**	±0.50
	HGB	g/L	**59**	±4	**133**	±6	**167**	±8
	HCT	%	18.7	±2.0	41.0	±3.0	51.1	±4.0
	MCV	fL	**80.5**	±5.0	**87.8**	±5.0	**94.5**	±6.0
	MCH	pg	25.4	±2.5	28.5	±2.5	30.9	±2.5
	MCHC	g/L	316	±30	324	±30	327	±30
	RDW-CV	%	17.9	±3.0	17.0	±3.0	16.3	±3.0
	RDW-SD	fL	52.4	±10.0	53.1	±10.0	54.1	±12.0
	PLT	$\times10^9$/L	**42**	±20	**243**	±40	**495**	±60
	MPV	fL	9.6	±3.0	8.7	±3.0	8.2	±3.0
	PDW	fL	9.3	±3.0	9.9	±3.0	8.9	±3.0
	PCT	%	0.040	±0.040	0.211	±0.100	0.406	±0.200
	P-LCR	%	19.8	±8.0	18.5	±8.0	15.6	±8.0
	P-LCC	$\times10^9$/L	10	±10	45	±25	77	±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.

BC0326L BC0326N BC0326H

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	**WBC**	$\times10^9$/L	**3.57**	±0.50	**8.66**	±1.00	**19.39**	±2.50
	Neu%	%	48.8	±9.0	55.1	±8.0	63.3	±7.0
	Lym%	%	38.8	±9.0	32.1	±8.0	21.0	±6.0
	Mon%	%	7.3	±4.0	6.5	±5.0	6.8	±6.0
	Eos%	%	5.1	±5.0	6.3	±6.0	8.9	±7.0
	Bas%	%	62.8	±8.0	71.1	±8.0	81.0	±8.0
	Neu#	$\times10^9$/L	1.74	±0.40	4.77	±0.70	12.27	±1.40
	Lym#	$\times10^9$/L	1.39	±0.40	2.78	±0.70	4.07	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.56	±0.50	1.32	±1.10
	Eos#	$\times10^9$/L	0.18	±0.15	0.55	±0.50	1.73	±1.30
	Bas#	$\times10^9$/L	2.24	±0.30	6.16	±0.70	15.71	±1.50
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.60**	±0.24	**5.36**	±0.50
	HGB	g/L	**60**	±4	**135**	±6	**171**	±8
	HCT	%	19.0	±2.0	40.8	±3.0	51.1	±4.0
	MCV	fL	**82.5**	±5.0	**88.7**	±5.0	**95.3**	±6.0
	MCH	pg	26.1	±2.5	29.3	±2.5	31.9	±2.5
	MCHC	g/L	316	±30	331	±30	335	±30
	RDW-CV	%	17.6	±3.0	16.7	±3.0	15.8	±3.0
	RDW-SD	fL	52.6	±10.0	53.9	±10.0	54.7	±12.0
	PLT	$\times10^9$/L	**44**	±20	**249**	±40	**513**	±60
	MPV	fL	10.0	±3.0	9.3	±3.0	8.7	±3.0
	PDW	fL	9.9	±3.0	10.9	±3.0	9.7	±3.0
	PCT	%	0.044	±0.044	0.232	±0.100	0.446	±0.200
	P-LCR	%	25.5	±8.0	22.5	±8.0	18.5	±8.0
	P-LCC	$\times10^9$/L	13	±13	56	±25	95	±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.

BC0326L BC0326N BC0326H

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	**WBC**	$\times10^9$/L	**3.73**	±0.50	**9.05**	±1.00	**20.07**	±2.50
	Neu%	%	49.1	±9.0	55.6	±8.0	64.4	±7.0
	Lym%	%	39.8	±9.0	32.7	±8.0	21.1	±6.0
	Mon%	%	7.0	±4.0	6.7	±5.0	6.8	±6.0
	Eos%	%	4.1	±4.1	5.0	±5.0	7.7	±7.0
	Bas%	%	64.3	±8.0	71.9	±8.0	82.1	±8.0
	Neu#	$\times10^9$/L	1.84	±0.40	5.03	±0.70	12.93	±1.40
	Lym#	$\times10^9$/L	1.48	±0.40	2.96	±0.70	4.23	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.61	±0.50	1.36	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.45	±0.45	1.55	±1.30
	Bas#	$\times10^9$/L	2.40	±0.30	6.51	±0.70	16.48	±1.50
	RBC	$\times10^{12}$/L	**2.31**	±0.18	**4.62**	±0.24	**5.33**	±0.50
	HGB	g/L	**60**	±4	**136**	±6	**171**	±8
	HCT	%	18.7	±2.0	40.5	±3.0	50.4	±4.0
	MCV	fL	**80.9**	±5.0	**87.6**	±5.0	**94.5**	±6.0
	MCH	pg	26.0	±2.5	29.4	±2.5	32.1	±2.5
	MCHC	g/L	321	±30	336	±30	339	±30
	RDW-CV	%	17.7	±3.0	16.8	±3.0	16.0	±3.0
	RDW-SD	fL	51.8	±10.0	53.1	±10.0	54.1	±12.0
	PLT	$\times10^9$/L	**46**	±20	**243**	±40	**516**	±60
	MPV	fL	9.1	±3.0	8.5	±3.0	8.0	±3.0
	PDW	fL	8.5	±3.0	9.4	±3.0	8.3	±3.0
	PCT	%	0.042	±0.042	0.207	±0.100	0.413	±0.200
	P-LCR	%	17.7	±8.0	17.3	±8.0	14.3	±8.0
	P-LCC	$\times10^9$/L	10	±10	42	±25	74	±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.

BC0326L BC0326N BC0326H

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HEMATOLOGY CONTROL

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	**WBC**	$\times10^9$/L	**3.70**	±0.50	**8.99**	±1.00	**19.71**	±2.50
	Neu%	%	49.7	±9.0	56.5	±8.0	66.1	±7.0
	Lym%	%	40.0	±9.0	33.1	±8.0	21.5	±6.0
	Mon%	%	7.3	±4.0	7.2	±5.0	7.1	±6.0
	Eos%	%	3.0	±3.0	3.2	±3.2	5.3	±5.3
	Bas%	%	63.9	±8.0	71.6	±8.0	81.7	±8.0
	Neu#	$\times10^9$/L	1.84	±0.40	5.07	±0.70	13.03	±1.40
	Lym#	$\times10^9$/L	1.48	±0.40	2.98	±0.70	4.24	±1.10
	Mon#	$\times10^9$/L	0.27	±0.14	0.65	±0.50	1.40	±1.10
	Eos#	$\times10^9$/L	0.11	±0.11	0.29	±0.29	1.04	±1.04
	Bas#	$\times10^9$/L	2.36	±0.30	6.44	±0.70	16.10	±1.50
	RBC	$\times10^{12}$/L	**2.36**	±0.18	**4.73**	±0.24	**5.50**	±0.50
	HGB	g/L	**62**	±4	**136**	±6	**170**	±8
	HCT	%	19.6	±2.0	42.1	±3.0	53.0	±4.0
	MCV	fL	**82.9**	±5.0	**89.0**	±5.0	**96.3**	±6.0
	MCH	pg	26.3	±2.5	28.8	±2.5	30.9	±2.5
	MCHC	g/L	316	±30	323	±30	321	±30
	RDW-CV	%	17.6	±3.0	16.7	±3.0	15.9	±3.0
	RDW-SD	fL	53.3	±10.0	54.4	±10.0	55.4	±12.0
	PLT	$\times10^9$/L	**49**	±20	**243**	±40	**504**	±60
	MPV	fL	8.9	±3.0	8.9	±3.0	8.3	±3.0
	PDW	fL	10.9	±3.0	9.9	±3.0	9.0	±3.0
	PCT	%	0.044	±0.044	0.216	±0.100	0.418	±0.200
	P-LCR	%	22.5	±8.0	19.8	±8.0	16.3	±8.0
	P-LCC	$\times10^9$/L	12	±12	48	±25	82	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
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	**3.26**	±0.50	**8.13**	±1.00	**18.01**	±2.50
	Neu%	%	49.9	±15.0	57.6	±15.0	65.1	±15.0
	Lym%	%	39.0	±9.0	30.6	±15.0	13.0	±10.0
	Mon%	%	5.7	±5.7	3.6	±3.6	12.0	±7.0
	Eos%	%	5.4	±5.4	8.2	±8.2	9.9	±8.7
	Bas%	%	1.2	±1.2	1.5	±1.5	0.8	±0.8
	Neu#	$\times10^9$/L	1.62	±0.60	4.68	±1.40	11.73	±2.80
	Lym#	$\times10^9$/L	1.27	±0.40	2.49	±1.10	2.34	±2.34
	Mon#	$\times10^9$/L	0.19	±0.19	0.29	±0.29	2.16	±2.16
	Eos#	$\times10^9$/L	0.18	±0.18	0.67	±0.67	1.78	±1.63
	Bas#	$\times10^9$/L	0.04	±0.04	0.12	±0.12	0.14	±0.14
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.56**	±0.24	**5.26**	±0.50
	HGB	g/L	**58**	±4	**132**	±6	**171**	±8
	HCT	%	18.6	±2.0	40.4	±3.0	50.2	±4.0
	MCV	fL	**81.4**	±5.0	**88.7**	±5.0	**95.5**	±6.0
	MCH	pg	25.3	±2.5	28.9	±2.5	32.5	±2.5
	MCHC	g/L	312	±30	327	±30	341	±30
	RDW-CV	%	13.9	±3.0	13.4	±3.0	12.9	±3.0
	RDW-SD	fL	46.9	±10.0	48.6	±10.0	50.0	±12.0
	PLT	$\times10^9$/L	**55**	±20	**239**	±40	**447**	±60
	MPV	fL	8.8	±3.0	8.3	±3.0	8.0	±3.0
	PDW	fL	9.7	±3.0	11.0	±3.0	10.2	±3.0
	PCT	%	0.048	±0.048	0.198	±0.100	0.358	±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.

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	**WBC**	$\times10^9$/L	**3.61**	±0.50	**9.01**	±1.00	**20.12**	±2.50
	Neu%	%	50.0	±9.0	56.4	±8.0	63.9	±7.0
	Lym%	%	38.9	±9.0	31.2	±8.0	21.2	±6.0
	Mon%	%	6.4	±4.0	4.4	±4.4	5.1	±5.1
	Eos%	%	4.7	±4.7	8.0	±6.0	9.8	±7.0
	Bas%	%	1.1	±1.1	1.9	±1.9	1.0	±1.0
	Neu#	$\times10^9$/L	1.81	±0.40	5.08	±0.70	12.85	±1.40
	Lym#	$\times10^9$/L	1.40	±0.40	2.81	±0.70	4.27	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.40	±0.40	1.03	±1.03
	Eos#	$\times10^9$/L	0.17	±0.15	0.72	±0.50	1.97	±1.30
	Bas#	$\times10^9$/L	0.04	±0.04	0.17	±0.17	0.20	±0.20
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.54**	±0.24	**5.24**	±0.50
	HGB	g/L	**60**	±4	**134**	±6	**171**	±8
	HCT	%	18.9	±2.0	40.0	±3.0	49.4	±4.0
	MCV	fL	**82.7**	±5.0	**88.1**	±5.0	**94.2**	±6.0
	MCH	pg	26.2	±2.5	29.5	±2.5	32.6	±2.5
	MCHC	g/L	317	±30	335	±30	346	±30
	RDW-CV	%	15.6	±3.0	15.3	±3.0	14.9	±3.0
	RDW-SD	fL	54.5	±10.0	57.5	±10.0	60.2	±12.0
	PLT	$\times10^9$/L	**43**	±20	**250**	±40	**524**	±60
	MPV	fL	8.7	±3.0	8.1	±3.0	7.8	±3.0
	PDW	fL	9.0	±3.0	10.3	±3.0	9.4	±3.0
	PCT	%	0.037	±0.037	0.203	±0.100	0.409	±0.200
	P-LCR	%	23.9	±8.0	23.2	±8.0	20.4	±8.0
	P-LCC	$\times10^9$/L	12	±12	58	±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.

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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DM71X DM72X DM75X DM77X DM78X DM79X (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.59**	±0.50	**8.67**	±1.00	**19.16**	±2.50
	Neu%	%	48.7	±9.0	55.8	±8.0	64.3	±7.0
	Lym%	%	38.8	±9.0	30.8	±8.0	20.7	±6.0
	Mon%	%	8.0	±4.0	7.9	±5.0	7.0	±6.0
	Eos%	%	4.5	±4.5	5.5	±5.5	8.0	±7.0
	Bas%	%	63.2	±8.0	71.2	±8.0	81.3	±8.0
	Neu#	$\times10^9$/L	1.75	±0.40	4.84	±0.70	12.32	±1.40
	Lym#	$\times10^9$/L	1.39	±0.40	2.67	±0.70	3.97	±1.10
	Mon#	$\times10^9$/L	0.29	±0.14	0.68	±0.50	1.34	±1.10
	Eos#	$\times10^9$/L	0.16	±0.15	0.48	±0.48	1.53	±1.30
	Bas#	$\times10^9$/L	2.27	±0.30	6.17	±0.70	15.58	±1.50
	RBC	$\times10^{12}$/L	**2.29**	±0.18	**4.62**	±0.24	**5.37**	±0.50
	HGB	g/L	**61**	±4	**134**	±6	**167**	±8
	HCT	%	18.3	±2.0	40.6	±3.0	51.0	±4.0
	MCV	fL	**80.1**	±5.0	**87.8**	±5.0	**94.9**	±6.0
	MCH	pg	26.6	±2.5	29.0	±2.5	31.1	±2.5
	MCHC	g/L	333	±30	330	±30	327	±30
	RDW-CV	%	17.9	±3.0	17.0	±3.0	16.2	±3.0
	RDW-SD	fL	52.2	±10.0	53.6	±10.0	54.7	±12.0
	PLT	$\times10^9$/L	**45**	±20	**245**	±40	**505**	±60
	MPV	fL	8.7	±3.0	8.6	±3.0	8.1	±3.0
	PDW	fL	10.2	±3.0	9.8	±3.0	8.6	±3.0
	PCT	%	0.039	±0.039	0.211	±0.100	0.409	±0.200
	P-LCR	%	19.4	±8.0	17.6	±8.0	15.0	±8.0
	P-LCC	$\times10^9$/L	11	±11	43	±25	76	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.32**	±0.50	**8.10**	±1.00	**18.33**	±2.50
	Neu%	%	49.7	±9.0	56.4	±8.0	65.1	±7.0
	Lym%	%	38.6	±9.0	30.7	±8.0	20.9	±6.0
	Mon%	%	7.6	±4.0	8.0	±5.0	6.7	±6.0
	Eos%	%	4.1	±4.1	4.9	±4.9	7.3	±7.0
	Bas%	%	0.7	±0.7	0.8	±0.8	0.8	±0.8
	Neu#	$\times10^9$/L	1.65	±0.40	4.56	±0.70	11.93	±1.40
	Lym#	$\times10^9$/L	1.28	±0.40	2.49	±0.70	3.83	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.65	±0.50	1.23	±1.10
	Eos#	$\times10^9$/L	0.14	±0.14	0.40	±0.40	1.34	±1.30
	Bas#	$\times10^9$/L	0.02	±0.02	0.06	±0.06	0.15	±0.15
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.55**	±0.24	**5.26**	±0.50
	HGB	g/L	**62**	±4	**135**	±6	**169**	±8
	HCT	%	18.8	±2.0	40.5	±3.0	50.9	±4.0
	MCV	fL	**81.7**	±5.0	**89.1**	±5.0	**96.7**	±6.0
	MCH	pg	27.0	±2.5	29.7	±2.5	32.1	±2.5
	MCHC	g/L	330	±30	333	±30	332	±30
	RDW-CV	%	18.7	±3.0	17.8	±3.0	16.9	±3.0
	RDW-SD	fL	47.8	±10.0	48.7	±10.0	49.3	±12.0
	PLT	$\times10^9$/L	**42**	±20	**242**	±40	**474**	±60
	MPV	fL	9.1	±3.0	8.2	±3.0	7.8	±3.0
	PDW	fL	8.0	±3.0	8.9	±3.0	7.8	±3.0
	PCT	%	0.038	±0.038	0.198	±0.100	0.370	±0.200
	P-LCR	%	17.4	±8.0	15.7	±8.0	13.5	±8.0
	P-LCC	$\times10^9$/L	9	±9	38	±25	64	±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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Applicable Instruments	Parameter	Unit	LOT BC0326L		LOT BC0326N		LOT BC0326H	
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.4 or higher)	**WBC**	$\times10^9$/L	**3.00**	±0.50	**7.38**	±1.00	**16.29**	±2.50
	Neu%	%	50.7	±9.0	56.9	±8.0	64.4	±7.0
	Lym%	%	39.5	±9.0	30.9	±8.0	21.1	±6.0
	Mon%	%	5.1	±4.0	4.4	±4.4	4.6	±4.6
	Eos%	%	4.7	±4.7	7.8	±6.0	9.9	±7.0
	Bas%	%	0.8	±0.8	1.5	±1.5	0.8	±0.8
	Neu#	$\times10^9$/L	1.52	±0.40	4.20	±0.70	10.49	±1.40
	Lym#	$\times10^9$/L	1.19	±0.40	2.28	±0.70	3.44	±1.10
	Mon#	$\times10^9$/L	0.15	±0.14	0.32	±0.32	0.75	±0.75
	Eos#	$\times10^9$/L	0.14	±0.14	0.58	±0.50	1.61	±1.30
	Bas#	$\times10^9$/L	0.02	±0.02	0.11	±0.11	0.13	±0.13
	RBC	$\times10^{12}$/L	**2.06**	±0.18	**4.06**	±0.24	**4.72**	±0.50
	HGB	g/L	**57**	±4	**128**	±6	**164**	±8
	HCT	%	17.1	±2.0	36.1	±3.0	44.8	±4.0
	MCV	fL	**82.8**	±5.0	**88.8**	±5.0	**95.0**	±6.0
	MCH	pg	27.7	±2.5	31.5	±2.5	34.7	±2.5
	MCHC	g/L	333	±30	355	±30	366	±30
	RDW-CV	%	14.4	±3.0	14.0	±3.0	13.4	±3.0
	RDW-SD	fL	53.1	±10.0	55.5	±10.0	56.8	±12.0
	PLT	$\times10^9$/L	**52**	±20	**238**	±40	**457**	±60
	MPV	fL	8.8	±3.0	8.3	±3.0	8.0	±3.0
	PDW	fL	9.7	±3.0	10.9	±3.0	10.2	±3.0
	PCT	%	0.046	±0.046	0.198	±0.100	0.366	±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.

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