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编制：王雨婷 日期：2023.08.28		审核：刘金盈 日期：2023.08.28		批准：郑剑通 日期：2023.08.28		
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由试剂研发						


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	WBC	×10 ⁹ /L	3.49 ±0.50	7.91 ±1.00	18.01 ±2.50
	Neu%	%	49.0 ±9.0	58.0 ±8.0	66.0 ±7.0
	Lym%	%	40.8 ±9.0	30.4 ±8.0	20.6 ±6.0
	Mon%	%	6.2 ±4.0	5.5 ±5.0	5.5 ±5.5
	Eos%	%	4.0 ±4.0	6.1 ±6.0	7.9 ±7.0
	Bas%	%	60.3 ±8.0	70.9 ±8.0	79.9 ±8.0
	Neu#	×10 ⁹ /L	1.71 ±0.40	4.59 ±0.70	11.89 ±1.40
	Lym#	×10 ⁹ /L	1.42 ±0.40	2.41 ±0.70	3.71 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.44 ±0.44	0.99 ±0.99
	Eos#	×10 ⁹ /L	0.14 ±0.14	0.48 ±0.48	1.42 ±1.30
	Bas#	×10 ⁹ /L	2.10 ±0.30	5.61 ±0.70	14.39 ±1.50
	RBC	×10 ¹² /L	2.25 ±0.18	4.54 ±0.24	5.19 ±0.50
	HGB	g/L	57 ±4	131 ±6	164 ±8
	HCT	%	18.2 ±2.0	40.4 ±3.0	50.2 ±4.0
	MCV	fL	80.8 ±5.0	89.0 ±5.0	96.8 ±6.0
	MCH	pg	25.0 ±2.5	28.3 ±2.5	31.2 ±2.5
	MCHC	g/L	313 ±30	322 ±30	326 ±30
	RDW-CV	%	19.2 ±3.0	16.6 ±3.0	15.9 ±3.0
	RDW-SD	fL	54.4 ±10.0	51.6 ±10.0	53.6 ±12.0
	PLT	×10 ⁹ /L	50 ±20	258 ±40	509 ±60
	MPV	fL	10.0 ±3.0	9.9 ±3.0	9.8 ±3.0
	PDW	fL	10.8 ±3.0	12.0 ±3.0	11.8 ±3.0
	PCT	%	0.050 ±0.050	0.256 ±0.100	0.499 ±0.200
P-LCR	%	24.1 ±8.0	25.9 ±8.0	25.7 ±8.0	
P-LCC	×10 ⁹ /L	14 ±14	68 ±25	129 ±35	
PDW	/	10.1 ±3.0	10.1 ±3.0	9.7 ±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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Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	WBC	×10 ⁹ /L	3.79 ±0.50	8.82 ±1.00	20.08 ±2.50
	Neu%	%	47.7 ±9.0	55.5 ±8.0	63.0 ±7.0
	Lym%	%	40.8 ±9.0	30.0 ±8.0	20.5 ±6.0
	Mon%	%	6.5 ±4.0	6.9 ±5.0	6.8 ±6.0
	Eos%	%	5.0 ±5.0	7.6 ±6.0	9.7 ±7.0
	Bas%	%	61.1 ±8.0	71.3 ±8.0	80.4 ±8.0
	Neu#	×10 ⁹ /L	1.81 ±0.40	4.89 ±0.70	12.65 ±1.40
	Lym#	×10 ⁹ /L	1.54 ±0.40	2.65 ±0.70	4.12 ±1.10
	Mon#	×10 ⁹ /L	0.25 ±0.14	0.61 ±0.50	1.37 ±1.10
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.67 ±0.50	1.95 ±1.30
	Bas#	×10 ⁹ /L	2.31 ±0.30	6.29 ±0.70	16.15 ±1.50
	RBC	×10 ¹² /L	2.28 ±0.18	4.65 ±0.24	5.32 ±0.50
	HGB	g/L	57 ±4	131 ±6	165 ±8
	HCT	%	18.0 ±2.0	39.5 ±3.0	49.3 ±4.0
	MCV	fL	78.9 ±5.0	85.1 ±5.0	92.7 ±6.0
	MCH	pg	24.8 ±2.5	28.0 ±2.5	30.8 ±2.5
	MCHC	g/L	320 ±30	334 ±30	338 ±30
	RDW-CV	%	18.8 ±3.0	16.7 ±3.0	15.8 ±3.0
	RDW-SD	fL	53.0 ±10.0	50.8 ±10.0	52.2 ±12.0
	PLT	×10 ⁹ /L	50 ±20	261 ±40	517 ±60
	MPV	fL	9.8 ±3.0	9.7 ±3.0	9.6 ±3.0
	PDW	fL	10.5 ±3.0	11.6 ±3.0	11.4 ±3.0
	PCT	%	0.049 ±0.049	0.253 ±0.100	0.497 ±0.200
P-LCR	%	23.0 ±8.0	24.8 ±8.0	24.1 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	64 ±25	119 ±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 BC0923L	LOT BC0923N	LOT BC0923H
DYMIND UN71 UN73 UN76 DH73 Technical File Version A5.5 to A6.2)	WBC	×10 ⁹ /L	3.54 ±0.50	7.86 ±2.00	17.96 ±2.50
	Neu%	%	48.9 ±9.0	56.5 ±8.0	64.5 ±7.0
	Lym%	%	41.5 ±9.0	30.6 ±8.0	20.9 ±6.0
	Mon%	%	5.9 ±4.0	6.6 ±5.0	6.6 ±6.0
	Eos%	%	3.2 ±3.2	5.6 ±5.6	7.2 ±7.0
	Bas%	%	0.5 ±0.5	0.7 ±0.7	0.8 ±0.8
	Neu#	×10 ⁹ /L	1.73 ±0.40	4.44 ±1.10	11.58 ±1.40
	Lym#	×10 ⁹ /L	1.47 ±0.40	2.40 ±0.70	3.75 ±1.10
	Mon#	×10 ⁹ /L	0.21 ±0.14	0.52 ±0.50	1.19 ±1.10
	Eos#	×10 ⁹ /L	0.11 ±0.11	0.44 ±0.44	1.29 ±1.29
	Bas#	×10 ⁹ /L	0.02 ±0.02	0.06 ±0.06	0.14 ±0.14
	RBC	×10 ¹² /L	2.27 ±0.18	4.55 ±0.24	5.14 ±0.50
	HGB	g/L	58 ±4	131 ±6	164 ±8
	HCT	%	17.9 ±2.0	39.3 ±3.0	48.4 ±4.0
	MCV	fL	79.1 ±5.0	86.4 ±5.0	94.2 ±6.0
	MCH	pg	25.3 ±2.5	28.6 ±2.5	31.6 ±2.5
	MCHC	g/L	324 ±30	334 ±30	339 ±30
	RDW-CV	%	19.5 ±3.0	17.3 ±3.0	16.5 ±3.0
	RDW-SD	fL	57.1 ±10.0	54.9 ±10.0	56.9 ±12.0
	PLT	×10 ⁹ /L	56 ±20	254 ±40	488 ±60
	MPV	fL	9.0 ±3.0	9.7 ±3.0	9.7 ±3.0
PDW	fL	11.3 ±3.0	11.6 ±3.0	11.5 ±3.0	
PCT	%	0.050 ±0.050	0.247 ±0.100	0.473 ±0.200	
P-LCR	%	21.6 ±8.0	25.2 ±8.0	24.8 ±8.0	
P-LCC	×10 ⁹ /L	14 ±14	64 ±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.



BC0923L



BC0923N




BC0923H


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Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	WBC	×10 ⁹ /L	3.60 ±0.50	8.01 ±1.00	18.38 ±2.50
	Neu%	%	48.3 ±9.0	55.8 ±8.0	63.5 ±7.0
	Lym%	%	40.6 ±9.0	30.5 ±8.0	20.8 ±6.0
	Mon%	%	6.0 ±4.0	6.6 ±5.0	6.6 ±6.0
	Eos%	%	4.5 ±4.5	6.3 ±6.0	8.2 ±7.0
	Bas%	%	0.6 ±0.6	0.8 ±0.8	0.9 ±0.9
	Neu#	×10 ⁹ /L	1.74 ±0.40	4.47 ±0.70	11.67 ±1.40
	Lym#	×10 ⁹ /L	1.46 ±0.40	2.44 ±0.70	3.82 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.53 ±0.50	1.21 ±1.10
	Eos#	×10 ⁹ /L	0.16 ±0.15	0.50 ±0.50	1.51 ±1.30
	Bas#	×10 ⁹ /L	0.02 ±0.02	0.06 ±0.06	0.17 ±0.17
	RBC	×10 ¹² /L	2.33 ±0.18	4.68 ±0.24	5.30 ±0.50
	HGB	g/L	58 ±4	132 ±6	167 ±8
	HCT	%	18.3 ±2.0	40.2 ±3.0	49.7 ±4.0
	MCV	fL	78.4 ±5.0	86.0 ±5.0	93.8 ±6.0
	MCH	pg	24.7 ±2.5	27.6 ±2.5	30.8 ±2.5
	MCHC	g/L	320 ±30	325 ±30	332 ±30
	RDW-CV	%	18.9 ±3.0	16.6 ±3.0	15.8 ±3.0
	RDW-SD	fL	54.8 ±10.0	52.2 ±10.0	54.0 ±12.0
	PLT	×10 ⁹ /L	58 ±20	255 ±40	489 ±60
MPV	fL	9.2 ±3.0	9.8 ±3.0	9.6 ±3.0	
PDW	fL	11.7 ±3.0	11.7 ±3.0	11.5 ±3.0	
PCT	%	0.054 ±0.050	0.250 ±0.100	0.469 ±0.200	
P-LCR	%	23.5 ±8.0	25.5 ±8.0	24.5 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	65 ±25	114 ±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.



BC0923L



BC0923N




BC0923H


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instrument	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	RBC	×10 ¹² /L	2.33 ±0.18	4.70 ±0.24	5.35 ±0.50
	HGB	g/L	59 ±4	133 ±6	168 ±8
	HCT	%	19.2 ±2.0	42.3 ±3.0	52.6 ±4.0
	MCV	fL	82.3 ±5.0	90.1 ±5.0	98.4 ±6.0
	MCH	pg	24.5 ±2.5	27.6 ±2.5	30.7 ±2.5
	MCHC	g/L	304 ±30	312 ±30	318 ±30
	RDW-CV	%	18.6 ±3.0	16.4 ±3.0	15.6 ±3.0
	RDW-SD	fL	53.2 ±10.0	50.8 ±10.0	52.5 ±12.0
	PLT	×10 ⁹ /L	57 ±20	254 ±40	480 ±60
	MPV	fL	9.5 ±3.0	9.9 ±3.0	9.7 ±3.0
	PDW	fL	11.8 ±5.0	11.8 ±3.0	11.6 ±3.0
	PCT	%	0.054 ±0.050	0.252 ±0.100	0.466 ±0.200
	P-LCR	%	24.8 ±8.0	26.2 ±8.0	24.8 ±8.0
P-LCC	×10 ⁹ /L	15 ±15	66 ±25	115 ±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

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A10.0 to A11.1) DF50 Vet DF52 Vet (Technical File Version A2.0 to A7.0)	WBC	×10 ⁹ /L	3.54 ±0.50	7.96 ±1.00	18.11 ±2.50
	Neu%	%	48.8 ±9.0	56.2 ±8.0	63.6 ±7.0
	Lym%	%	39.9 ±9.0	29.5 ±8.0	19.7 ±6.0
	Mon%	%	5.2 ±4.0	5.6 ±5.0	5.8 ±5.8
	Eos%	%	6.1 ±5.0	8.7 ±6.0	10.9 ±7.0
	Bas%	%	2.1 ±2.1	1.0 ±1.0	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.73 ±0.40	4.47 ±0.70	11.52 ±1.40
	Lym#	×10 ⁹ /L	1.41 ±0.40	2.35 ±0.70	3.57 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.45 ±0.45	1.05 ±1.05
	Eos#	×10 ⁹ /L	0.22 ±0.15	0.69 ±0.50	1.97 ±1.30
	Bas#	×10 ⁹ /L	0.07 ±0.07	0.08 ±0.08	0.18 ±0.18
	RBC	×10 ¹² /L	2.28 ±0.18	4.62 ±0.24	5.27 ±0.50
	HGB	g/L	58 ±4	132 ±6	168 ±8
	HCT	%	17.8 ±2.0	39.6 ±5.0	49.3 ±6.0
	MCV	fL	77.9 ±8.0	85.6 ±8.0	93.5 ±10.0
	MCH	pg	25.4 ±2.5	28.5 ±2.5	31.8 ±2.5
	MCHC	g/L	330 ±35	337 ±42	345 ±40
	RDW-CV	%	15.9 ±3.0	14.7 ±3.0	14.1 ±3.0
	RDW-SD	fL	51.1 ±10.0	50.8 ±10.0	52.9 ±12.0
	PLT	×10 ⁹ /L	63 ±20	260 ±40	474 ±60
MPV	fL	9.4 ±3.0	9.6 ±3.0	9.7 ±3.0	
PDW	/	14.8 ±3.0	15.9 ±3.0	16.2 ±3.0	
PCT	%	0.059 ±0.050	0.250 ±0.100	0.459 ±0.200	
P-LCR	%	30.6 ±10.0	34.7 ±8.0	34.6 ±8.0	
P-LCC	×10 ⁹ /L	19 ±15	90 ±25	160 ±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

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	WBC	×10 ⁹ /L	3.50 ±0.50	7.86 ±1.00	17.85 ±2.50
	Neu%	%	48.9 ±9.0	56.5 ±8.0	63.8 ±7.0
	Lym%	%	40.2 ±9.0	27.7 ±8.0	15.9 ±6.0
	Mon%	%	5.2 ±4.0	7.1 ±5.0	9.3 ±6.0
	Eos%	%	5.7 ±5.0	8.7 ±6.0	11.0 ±7.0
	Bas%	%	2.7 ±2.7	1.2 ±1.2	3.0 ±3.0
	Neu#	×10 ⁹ /L	1.71 ±0.40	4.44 ±0.70	11.39 ±1.40
	Lym#	×10 ⁹ /L	1.41 ±0.40	2.18 ±0.70	2.84 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.56 ±0.50	1.66 ±1.10
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.68 ±0.50	1.96 ±1.30
	Bas#	×10 ⁹ /L	0.09 ±0.09	0.09 ±0.09	0.54 ±0.54
	RBC	×10 ¹² /L	2.35 ±0.18	4.72 ±0.24	5.37 ±0.50
	HGB	g/L	58 ±4	132 ±6	167 ±8
	HCT	%	18.5 ±2.0	40.3 ±3.0	50.0 ±4.0
	MCV	fL	78.8 ±5.0	85.4 ±5.0	93.1 ±6.0
	MCH	pg	24.5 ±2.5	27.7 ±2.5	30.9 ±2.5
	MCHC	g/L	317 ±30	330 ±30	338 ±30
	RDW-CV	%	15.6 ±3.0	14.2 ±3.0	13.6 ±3.0
	RDW-SD	fL	50.6 ±10.0	49.7 ±10.0	51.5 ±12.0
	PLT	×10 ⁹ /L	62 ±20	259 ±40	479 ±60
	MPV	fL	9.7 ±3.0	10.0 ±3.0	9.9 ±3.0
	PDW	fL	11.7 ±3.0	13.5 ±3.0	13.7 ±3.0
	PCT	%	0.060 ±0.050	0.259 ±0.100	0.474 ±0.200
P-LCR	%	32.4 ±8.0	37.0 ±8.0	36.6 ±8.0	
P-LCC	×10 ⁹ /L	20 ±15	97 ±25	174 ±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 and DF53 Instruments.


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HEMATOLOGY CONTROL

Reference Values provided by DYMIND

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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	×10 ⁹ /L	3.54 ±0.50	8.03 ±1.00	18.23 ±2.50
	Neu%	%	49.2 ±9.0	56.5 ±8.0	63.6 ±7.0
	Lym%	%	39.5 ±9.0	28.7 ±8.0	17.5 ±6.0
	Mon%	%	6.1 ±4.0	6.5 ±5.0	8.1 ±6.0
	Eos%	%	5.2 ±5.0	8.3 ±6.0	10.8 ±7.0
	Bas%	%	2.0 ±2.0	1.0 ±1.0	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.74 ±0.40	4.54 ±0.70	11.60 ±1.40
	Lym#	×10 ⁹ /L	1.40 ±0.40	2.31 ±0.70	3.19 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.52 ±0.50	1.48 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.67 ±0.50	1.97 ±1.30
	Bas#	×10 ⁹ /L	0.07 ±0.07	0.08 ±0.08	0.18 ±0.18
	RBC	×10 ¹² /L	2.34 ±0.18	4.71 ±0.24	5.33 ±0.50
	HGB	g/L	58 ±4	133 ±6	168 ±8
	HCT	%	18.6 ±2.0	40.0 ±3.0	49.0 ±4.0
	MCV	fL	79.8 ±5.0	84.9 ±5.0	91.8 ±6.0
	MCH	pg	24.8 ±2.5	28.0 ±2.5	31.4 ±2.5
	MCHC	g/L	317 ±30	335 ±30	347 ±30
	RDW-CV	%	16.1 ±3.0	14.9 ±3.0	14.3 ±3.0
	RDW-SD	fL	53.7 ±10.0	53.2 ±10.0	55.4 ±12.0
	PLT	×10 ⁹ /L	60 ±20	256 ±40	471 ±60
	MPV	fL	9.1 ±3.0	9.3 ±3.0	9.4 ±3.0
PDW	fL	10.8 ±3.0	12.6 ±3.0	12.9 ±3.0	
PCT	%	0.055 ±0.050	0.239 ±0.100	0.443 ±0.200	
P-LCR	%	28.1 ±8.0	32.6 ±8.0	33.0 ±8.0	
P-LCC	×10 ⁹ /L	17 ±15	82 ±25	150 ±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 and DF53 Instruments.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	WBC	×10 ⁹ /L	3.59 ±0.50	8.06 ±1.00	18.45 ±2.50
	Neu%	%	49.9 ±9.0	57.1 ±8.0	64.6 ±7.0
	Lym%	%	39.8 ±9.0	29.3 ±8.0	19.7 ±6.0
	Mon%	%	5.0 ±4.0	5.0 ±5.0	5.2 ±5.2
	Eos%	%	5.3 ±5.0	8.6 ±6.0	10.5 ±7.0
	Bas%	%	2.4 ±2.4	1.1 ±1.1	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.79 ±0.40	4.60 ±0.70	11.92 ±1.40
	Lym#	×10 ⁹ /L	1.43 ±0.40	2.36 ±0.70	3.63 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.40 ±0.40	0.96 ±0.96
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.69 ±0.50	1.94 ±1.30
	Bas#	×10 ⁹ /L	0.09 ±0.09	0.09 ±0.09	0.18 ±0.18
	RBC	×10 ¹² /L	2.35 ±0.18	4.71 ±0.24	5.37 ±0.50
	HGB	g/L	59 ±4	134 ±6	172 ±8
	HCT	%	18.4 ±2.0	39.7 ±3.0	49.0 ±4.0
	MCV	fL	78.6 ±5.0	84.2 ±5.0	91.3 ±6.0
	MCH	pg	24.4 ±2.5	27.8 ±2.5	31.3 ±2.5
	MCHC	g/L	314 ±30	333 ±30	347 ±30
	RDW-CV	%	15.9 ±3.0	14.5 ±3.0	13.9 ±3.0
	RDW-SD	fL	52.0 ±10.0	51.1 ±10.0	53.0 ±12.0
	PLT	×10 ⁹ /L	65 ±20	268 ±40	499 ±60
	MPV	fL	9.0 ±3.0	9.1 ±3.0	9.2 ±3.0
PDW	fL	11.8 ±3.0	13.3 ±3.0	13.5 ±3.0	
PCT	%	0.058 ±0.050	0.244 ±0.100	0.459 ±0.200	
P-LCR	%	25.6 ±8.0	30.5 ±8.0	31.2 ±8.0	
P-LCC	×10 ⁹ /L	18 ±15	84 ±25	156 ±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 and DF53 Instruments.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DH71 DH76 (Technical File Version A10.4)	WBC	×10 ⁹ /L	3.34 ±0.50	7.36 ±1.00	16.48 ±2.50
	Neu%	%	47.6 ±9.0	55.9 ±8.0	64.1 ±7.0
	Lym%	%	41.3 ±9.0	31.3 ±8.0	21.1 ±6.0
	Mon%	%	6.1 ±4.0	6.8 ±5.0	7.0 ±6.0
	Eos%	%	5.0 ±5.0	6.0 ±6.0	7.8 ±7.0
	Bas%	%	58.1 ±8.0	69.8 ±8.0	79.2 ±8.0
	Neu#	×10 ⁹ /L	1.59 ±0.40	4.11 ±0.70	10.56 ±1.40
	Lym#	×10 ⁹ /L	1.38 ±0.40	2.30 ±0.70	3.48 ±1.10
	Mon#	×10 ⁹ /L	0.20 ±0.14	0.50 ±0.50	1.15 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.44 ±0.44	1.29 ±1.29
	Bas#	×10 ⁹ /L	1.94 ±0.30	5.13 ±0.70	13.05 ±1.50
	RBC	×10 ¹² /L	2.27 ±0.18	4.60 ±0.24	5.23 ±0.50
	HGB	g/L	57 ±4	132 ±6	165 ±8
	HCT	%	18.0 ±2.0	39.7 ±3.0	49.2 ±4.0
	MCV	fL	79.5 ±5.0	86.4 ±5.0	94.1 ±6.0
	MCH	pg	24.6 ±2.5	28.1 ±2.5	31.0 ±2.5
	MCHC	g/L	313 ±30	329 ±30	334 ±30
	RDW-CV	%	18.8 ±3.0	16.7 ±3.0	15.9 ±3.0
	RDW-SD	fL	54.2 ±10.0	52.0 ±10.0	53.7 ±12.0
	PLT	×10 ⁹ /L	48 ±20	251 ±40	485 ±60
	MPV	fL	10.2 ±3.0	10.0 ±3.0	9.9 ±3.0
PDW	fL	10.6 ±3.0	12.3 ±3.0	12.0 ±3.0	
PCT	%	0.049 ±0.049	0.251 ±0.100	0.480 ±0.200	
P-LCR	%	25.6 ±8.0	27.1 ±8.0	26.0 ±8.0	
P-LCC	×10 ⁹ /L	14 ±14	69 ±25	125 ±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

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	WBC	×10 ⁹ /L	3.60 ±0.50	8.07 ±1.00	18.61 ±2.50
	Neu%	%	47.2 ±9.0	56.0 ±8.0	63.1 ±7.0
	Lym%	%	41.4 ±9.0	30.3 ±8.0	20.9 ±6.0
	Mon%	%	6.3 ±4.0	7.0 ±5.0	7.0 ±6.0
	Eos%	%	5.1 ±5.0	6.7 ±6.0	9.0 ±7.0
	Bas%	%	60.3 ±8.0	71.8 ±8.0	80.9 ±8.0
	Neu#	×10 ⁹ /L	1.70 ±0.40	4.52 ±0.70	11.74 ±1.40
	Lym#	×10 ⁹ /L	1.49 ±0.40	2.45 ±0.70	3.89 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.57 ±0.50	1.30 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.54 ±0.50	1.67 ±1.30
	Bas#	×10 ⁹ /L	2.17 ±0.30	5.80 ±0.70	15.05 ±1.50
	RBC	×10 ¹² /L	2.31 ±0.18	4.66 ±0.24	5.35 ±0.50
	HGB	g/L	58 ±4	132 ±6	167 ±8
	HCT	%	18.3 ±2.0	40.1 ±3.0	50.2 ±4.0
	MCV	fL	79.2 ±5.0	86.1 ±5.0	93.9 ±6.0
	MCH	pg	24.6 ±2.5	27.8 ±2.5	30.6 ±2.5
	MCHC	g/L	316 ±30	329 ±30	331 ±30
	RDW-CV	%	19.1 ±3.0	16.8 ±3.0	15.9 ±3.0
	RDW-SD	fL	54.2 ±10.0	51.8 ±10.0	53.1 ±12.0
	PLT	×10 ⁹ /L	49 ±20	260 ±40	508 ±60
	MPV	fL	9.7 ±3.0	9.6 ±3.0	9.4 ±3.0
PDW	fL	10.2 ±3.0	11.5 ±3.0	11.2 ±3.0	
PCT	%	0.047 ±0.047	0.250 ±0.100	0.477 ±0.200	
P-LCR	%	22.6 ±8.0	24.5 ±8.0	23.2 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	65 ±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.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	WBC	×10 ⁹ /L	3.53 ±0.50	7.96 ±1.00	17.60 ±2.50
	Neu%	%	53.9 ±9.0	56.0 ±8.0	63.7 ±7.0
	Lym%	%	34.8 ±9.0	29.9 ±8.0	20.3 ±6.0
	Mon%	%	5.5 ±4.0	6.3 ±5.0	6.2 ±6.0
	Eos%	%	5.8 ±5.0	7.8 ±6.0	9.8 ±7.0
	Bas%	%	59.9 ±8.0	71.2 ±8.0	79.0 ±8.0
	Neu#	×10 ⁹ /L	1.90 ±0.40	4.46 ±0.70	11.21 ±1.40
	Lym#	×10 ⁹ /L	1.23 ±0.40	2.38 ±0.70	3.57 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.50 ±0.50	1.09 ±1.09
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.62 ±0.50	1.72 ±1.30
	Bas#	×10 ⁹ /L	2.12 ±0.30	5.67 ±0.70	13.91 ±1.50
	RBC	×10 ¹² /L	2.31 ±0.18	4.62 ±0.24	5.25 ±0.50
	HGB	g/L	57 ±4	131 ±6	164 ±8
	HCT	%	18.9 ±2.0	41.9 ±3.0	52.0 ±4.0
	MCV	fL	82.0 ±5.0	90.5 ±5.0	98.9 ±6.0
	MCH	pg	24.4 ±2.5	27.9 ±2.5	30.7 ±2.5
	MCHC	g/L	303 ±30	314 ±30	317 ±30
	RDW-CV	%	19.0 ±3.0	16.4 ±3.0	15.6 ±3.0
	RDW-SD	fL	54.1 ±10.0	51.2 ±10.0	53.1 ±12.0
	PLT	×10 ⁹ /L	53 ±20	264 ±40	502 ±60
	MPV	fL	10.2 ±3.0	10.2 ±3.0	10.2 ±3.0
PDW	fL	11.0 ±3.0	12.7 ±3.0	12.5 ±3.0	
PCT	%	0.054 ±0.050	0.269 ±0.100	0.512 ±0.200	
P-LCR	%	25.6 ±8.0	28.3 ±8.0	28.0 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	75 ±25	137 ±35	
PDW	/	10.2 ±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.


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	WBC	$\times 10^9/L$	3.51 ± 0.50	7.96 ± 1.00	18.16 ± 2.50
	Neu%	%	48.5 ± 9.0	56.6 ± 8.0	64.5 ± 7.0
	Lym%	%	40.8 ± 9.0	30.4 ± 8.0	21.0 ± 6.0
	Mon%	%	6.1 ± 4.0	6.9 ± 5.0	7.2 ± 6.0
	Eos%	%	4.6 ± 4.6	6.1 ± 6.0	7.3 ± 7.0
	Bas%	%	60.8 ± 8.0	71.8 ± 8.0	80.6 ± 8.0
	Neu#	$\times 10^9/L$	1.70 ± 0.40	4.50 ± 0.70	11.71 ± 1.40
	Lym#	$\times 10^9/L$	1.43 ± 0.40	2.42 ± 0.70	3.81 ± 1.10
	Mon#	$\times 10^9/L$	0.21 ± 0.14	0.55 ± 0.50	1.31 ± 1.10
	Eos#	$\times 10^9/L$	0.16 ± 0.15	0.49 ± 0.49	1.33 ± 1.30
	Bas#	$\times 10^9/L$	2.13 ± 0.30	5.71 ± 0.70	14.64 ± 1.50
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.62 ± 0.24	5.25 ± 0.50
	HGB	g/L	57 ± 4	131 ± 6	165 ± 8
	HCT	%	17.9 ± 2.0	39.5 ± 3.0	49.0 ± 4.0
	MCV	fL	79.7 ± 5.0	85.6 ± 5.0	93.3 ± 6.0
	MCH	pg	25.2 ± 2.5	28.3 ± 2.5	31.3 ± 2.5
	MCHC	g/L	318 ± 30	333 ± 30	338 ± 30
	RDW-CV	%	19.2 ± 3.0	17.1 ± 3.0	16.2 ± 3.0
	RDW-SD	fL	54.6 ± 10.0	52.7 ± 10.0	54.6 ± 12.0
	PLT	$\times 10^9/L$	50 ± 20	265 ± 40	522 ± 60
MPV	fL	10.1 ± 3.0	10.1 ± 3.0	9.9 ± 3.0	
PDW	fL	10.4 ± 3.0	12.3 ± 3.0	12.2 ± 3.0	
PCT	%	0.050 ± 0.050	0.268 ± 0.100	0.516 ± 0.200	
P-LCR	%	24.7 ± 8.0	27.4 ± 8.0	26.4 ± 8.0	
P-LCC	$\times 10^9/L$	14 ± 14	74 ± 25	136 ± 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.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	WBC	×10 ⁹ /L	3.76 ±0.50	8.45 ±1.00	19.22 ±2.50
	Neu%	%	47.9 ±9.0	56.0 ±8.0	63.2 ±7.0
	Lym%	%	41.3 ±9.0	30.2 ±8.0	20.7 ±6.0
	Mon%	%	6.1 ±4.0	6.8 ±5.0	7.0 ±6.0
	Eos%	%	4.7 ±4.7	7.0 ±6.0	9.1 ±7.0
	Bas%	%	61.8 ±8.0	72.6 ±8.0	81.5 ±8.0
	Neu#	×10 ⁹ /L	1.80 ±0.40	4.73 ±0.70	12.14 ±1.40
	Lym#	×10 ⁹ /L	1.55 ±0.40	2.55 ±0.70	3.98 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.57 ±0.50	1.35 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.59 ±0.50	1.75 ±1.30
	Bas#	×10 ⁹ /L	2.32 ±0.30	6.13 ±0.70	15.66 ±1.50
	RBC	×10 ¹² /L	2.30 ±0.18	4.67 ±0.24	5.28 ±0.50
	HGB	g/L	58 ±4	132 ±6	166 ±8
	HCT	%	18.6 ±2.0	40.9 ±3.0	50.5 ±4.0
	MCV	fL	80.7 ±5.0	87.7 ±5.0	95.7 ±6.0
	MCH	pg	24.7 ±2.5	28.0 ±2.5	30.9 ±2.5
	MCHC	g/L	312 ±30	324 ±30	328 ±30
	RDW-CV	%	18.7 ±3.0	16.4 ±3.0	15.5 ±3.0
	RDW-SD	fL	54.2 ±10.0	51.8 ±10.0	53.3 ±12.0
	PLT	×10 ⁹ /L	51 ±20	264 ±40	514 ±60
	MPV	fL	9.6 ±3.0	9.3 ±3.0	9.3 ±3.0
PDW	fL	9.8 ±3.0	10.9 ±3.0	10.7 ±3.0	
PCT	%	0.049 ±0.049	0.246 ±0.100	0.478 ±0.200	
P-LCR	%	21.5 ±8.0	22.5 ±8.0	22.5 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	55 ±25	111 ±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.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	WBC	×10 ⁹ /L	3.59 ±0.50	8.14 ±1.00	18.20 ±2.50
	Neu%	%	48.4 ±9.0	56.5 ±8.0	63.8 ±7.0
	Lym%	%	40.6 ±9.0	30.2 ±8.0	21.0 ±6.0
	Mon%	%	6.5 ±4.0	7.2 ±5.0	7.3 ±6.0
	Eos%	%	4.5 ±4.5	6.1 ±6.0	7.9 ±7.0
	Bas%	%	60.5 ±8.0	71.5 ±8.0	80.6 ±8.0
	Neu#	×10 ⁹ /L	1.74 ±0.40	4.60 ±0.70	11.61 ±1.40
	Lym#	×10 ⁹ /L	1.46 ±0.40	2.46 ±0.70	3.82 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.59 ±0.50	1.33 ±1.10
	Eos#	×10 ⁹ /L	0.16 ±0.15	0.50 ±0.50	1.44 ±1.30
	Bas#	×10 ⁹ /L	2.17 ±0.30	5.82 ±0.70	14.67 ±1.50
	RBC	×10 ¹² /L	2.27 ±0.18	4.63 ±0.24	5.28 ±0.50
	HGB	g/L	59 ±4	132 ±6	165 ±8
	HCT	%	17.9 ±2.0	39.3 ±3.0	48.9 ±4.0
	MCV	fL	78.9 ±5.0	84.9 ±5.0	92.5 ±6.0
	MCH	pg	25.9 ±2.5	28.2 ±2.5	30.9 ±2.5
	MCHC	g/L	333 ±30	336 ±30	338 ±30
	RDW-CV	%	19.1 ±3.0	16.9 ±3.0	16.1 ±3.0
	RDW-SD	fL	53.5 ±10.0	51.3 ±10.0	53.0 ±12.0
	PLT	×10 ⁹ /L	54 ±20	258 ±40	510 ±60
	MPV	fL	8.6 ±3.0	9.3 ±3.0	9.2 ±3.0
PDW	fL	10.4 ±3.0	11.0 ±3.0	10.8 ±3.0	
PCT	%	0.046 ±0.046	0.240 ±0.100	0.469 ±0.200	
P-LCR	%	19.8 ±8.0	22.1 ±8.0	21.8 ±8.0	
P-LCC	×10 ⁹ /L	12 ±12	56 ±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.



BC0923L



BC0923N




BC0923H


DM-5D

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

 2023-08-13

 2023-11-10

Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	WBC	×10 ⁹ /L	3.71 ±0.50	8.35 ±1.00	18.70 ±2.50
	Neu%	%	48.4 ±9.0	56.5 ±8.0	64.4 ±7.0
	Lym%	%	40.5 ±9.0	30.5 ±8.0	21.0 ±6.0
	Mon%	%	6.2 ±4.0	6.8 ±5.0	6.8 ±6.0
	Eos%	%	4.9 ±4.9	6.2 ±6.0	7.8 ±7.0
	Bas%	%	60.4 ±8.0	71.7 ±8.0	81.1 ±8.0
	Neu#	×10 ⁹ /L	1.79 ±0.40	4.72 ±0.70	12.04 ±1.40
	Lym#	×10 ⁹ /L	1.50 ±0.40	2.55 ±0.70	3.93 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.57 ±0.50	1.27 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.52 ±0.50	1.46 ±1.30
	Bas#	×10 ⁹ /L	2.24 ±0.30	5.99 ±0.70	15.16 ±1.50
	RBC	×10 ¹² /L	2.31 ±0.18	4.69 ±0.24	5.35 ±0.50
	HGB	g/L	60 ±4	133 ±6	166 ±8
	HCT	%	18.4 ±2.0	40.2 ±3.0	50.1 ±4.0
	MCV	fL	79.6 ±5.0	85.8 ±5.0	93.5 ±6.0
	MCH	pg	25.4 ±2.5	27.9 ±2.5	30.6 ±2.5
	MCHC	g/L	323 ±30	328 ±30	331 ±30
	RDW-CV	%	18.9 ±3.0	16.7 ±3.0	15.8 ±3.0
	RDW-SD	fL	54.3 ±10.0	52.1 ±10.0	53.5 ±12.0
	PLT	×10 ⁹ /L	53 ±20	262 ±40	514 ±60
	MPV	fL	9.0 ±3.0	9.6 ±3.0	9.5 ±3.0
PDW	fL	11.1 ±3.0	11.3 ±3.0	11.3 ±3.0	
PCT	%	0.047 ±0.047	0.251 ±0.100	0.488 ±0.200	
P-LCR	%	21.6 ±8.0	24.5 ±8.0	23.7 ±8.0	
P-LCC	×10 ⁹ /L	14 ±14	65 ±25	120 ±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.



BC0923L



BC0923N



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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF50 Vet DF52 Vet DF55 Vet DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	×10 ⁹ /L	3.52 ±0.50	7.89 ±1.00	18.24 ±2.50
	Neu%	%	48.8 ±9.0	56.4 ±8.0	63.5 ±7.0
	Lym%	%	40.1 ±9.0	28.8 ±8.0	16.2 ±6.0
	Mon%	%	5.4 ±4.0	6.4 ±5.0	9.4 ±6.0
	Eos%	%	5.7 ±5.0	8.4 ±6.0	10.9 ±7.0
	Bas%	%	2.0 ±2.0	1.0 ±1.0	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.72 ±0.40	4.45 ±0.70	11.58 ±1.40
	Lym#	×10 ⁹ /L	1.41 ±0.40	2.27 ±0.70	2.96 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.50 ±0.50	1.71 ±1.10
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.66 ±0.50	1.99 ±1.30
	Bas#	×10 ⁹ /L	0.07 ±0.07	0.08 ±0.08	0.18 ±0.18
	RBC	×10 ¹² /L	2.36 ±0.18	4.71 ±0.24	5.40 ±0.50
	HGB	g/L	57 ±4	131 ±6	168 ±10
	HCT	%	19.1 ±2.0	41.9 ±3.0	52.4 ±6.0
	MCV	fL	80.8 ±5.0	89.0 ±5.0	97.0 ±6.0
	MCH	pg	24.2 ±2.5	27.9 ±2.5	31.5 ±2.5
	MCHC	g/L	305 ±30	319 ±30	331 ±30
	RDW-CV	%	14.8 ±3.0	13.1 ±3.0	12.6 ±3.0
	RDW-SD	fL	50.0 ±10.0	48.1 ±10.0	50.3 ±12.0
	PLT	×10 ⁹ /L	61 ±20	263 ±40	477 ±60
MPV	fL	8.9 ±3.0	9.0 ±3.0	9.0 ±3.0	
PDW	fL	10.5 ±3.0	12.2 ±3.0	12.4 ±3.0	
PCT	%	0.054 ±0.050	0.237 ±0.100	0.429 ±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.



BC0923L



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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A4.0 to A5.7)	WBC	×10 ⁹ /L	3.50 ±0.50	7.79 ±1.00	17.91 ±2.50
	Neu%	%	49.8 ±9.0	56.5 ±8.0	63.7 ±7.0
	Lym%	%	39.5 ±9.0	30.0 ±8.0	20.0 ±6.0
	Mon%	%	5.0 ±4.0	5.0 ±5.0	5.3 ±5.3
	Eos%	%	5.7 ±5.0	8.5 ±6.0	11.0 ±7.0
	Bas%	%	2.9 ±2.9	1.5 ±1.5	1.1 ±1.1
	Neu#	×10 ⁹ /L	1.74 ±0.40	4.40 ±0.70	11.41 ±1.40
	Lym#	×10 ⁹ /L	1.38 ±0.40	2.34 ±0.70	3.58 ±1.10
	Mon#	×10 ⁹ /L	0.17 ±0.14	0.39 ±0.39	0.95 ±0.95
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.66 ±0.50	1.97 ±1.30
	Bas#	×10 ⁹ /L	0.10 ±0.10	0.12 ±0.12	0.20 ±0.20
	RBC	×10 ¹² /L	2.26 ±0.18	4.51 ±0.24	5.20 ±0.50
	HGB	g/L	58 ±4	130 ±6	166 ±8
	HCT	%	18.1 ±2.0	39.9 ±3.0	49.6 ±4.0
	MCV	fL	80.0 ±5.0	88.4 ±5.0	95.4 ±6.0
	MCH	pg	25.3 ±2.5	28.4 ±2.5	31.5 ±2.5
	MCHC	g/L	322 ±30	327 ±30	338 ±30
	RDW-CV	%	16.2 ±3.0	14.4 ±3.0	14.2 ±3.0
	RDW-SD	fL	53.2 ±10.0	51.6 ±10.0	54.7 ±12.0
	PLT	×10 ⁹ /L	56 ±20	253 ±40	473 ±60
	MPV	fL	9.2 ±3.0	9.1 ±3.0	9.1 ±3.0
PDW	fL	10.5 ±3.0	12.5 ±3.0	12.4 ±3.0	
PCT	%	0.052 ±0.050	0.230 ±0.100	0.430 ±0.200	
P-LCR	%	25.9 ±8.0	30.4 ±8.0	30.7 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	77 ±25	142 ±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 BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	3.57 ± 0.50	8.10 ± 1.00	18.56 ± 2.50
	Neu%	%	49.1 ± 9.0	55.9 ± 8.0	63.2 ± 7.0
	Lym%	%	39.7 ± 9.0	29.5 ± 8.0	19.1 ± 6.0
	Mon%	%	6.2 ± 4.0	6.3 ± 5.0	7.1 ± 6.0
	Eos%	%	5.0 ± 5.0	8.3 ± 6.0	10.6 ± 7.0
	Bas%	%	2.2 ± 2.2	1.0 ± 1.0	1.0 ± 1.0
	Neu#	$\times 10^9/L$	1.75 ± 0.40	4.53 ± 0.70	11.73 ± 1.40
	Lym#	$\times 10^9/L$	1.42 ± 0.40	2.39 ± 0.70	3.54 ± 1.10
	Mon#	$\times 10^9/L$	0.22 ± 0.14	0.51 ± 0.50	1.32 ± 1.10
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.67 ± 0.50	1.97 ± 1.30
	Bas#	$\times 10^9/L$	0.08 ± 0.08	0.08 ± 0.08	0.19 ± 0.19
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.57 ± 0.24	5.18 ± 0.50
	HGB	g/L	58 ± 4	130 ± 6	165 ± 8
	HCT	%	18.1 ± 2.0	38.9 ± 3.0	47.8 ± 4.0
	MCV	fL	79.6 ± 5.0	85.2 ± 5.0	92.2 ± 6.0
	MCH	pg	25.4 ± 2.5	28.4 ± 2.5	31.7 ± 2.5
	MCHC	g/L	323 ± 30	338 ± 30	348 ± 30
	RDW-CV	%	16.3 ± 3.0	14.9 ± 3.0	14.3 ± 3.0
	RDW-SD	fL	54.0 ± 10.0	53.5 ± 10.0	55.7 ± 12.0
	PLT	$\times 10^9/L$	58 ± 20	263 ± 40	486 ± 60
	MPV	fL	8.9 ± 3.0	9.0 ± 3.0	9.0 ± 3.0
PDW	fL	10.1 ± 3.0	12.2 ± 3.0	12.1 ± 3.0	
PCT	%	0.051 ± 0.050	0.237 ± 0.100	0.437 ± 0.200	
P-LCR	%	25.4 ± 8.0	30.0 ± 8.0	29.9 ± 8.0	
P-LCC	$\times 10^9/L$	15 ± 15	79 ± 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.



BC0923L



BC0923N




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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	WBC	×10 ⁹ /L	3.56 ±0.50	8.19 ±1.00	18.94 ±2.50
	Neu%	%	49.0 ±9.0	55.4 ±8.0	62.9 ±7.0
	Lym%	%	40.1 ±9.0	30.2 ±8.0	20.2 ±6.0
	Mon%	%	5.9 ±4.0	6.0 ±5.0	6.3 ±6.0
	Eos%	%	5.0 ±5.0	8.4 ±6.0	10.6 ±7.0
	Bas%	%	2.2 ±2.2	1.0 ±1.0	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.75 ±0.40	4.54 ±0.70	11.91 ±1.40
	Lym#	×10 ⁹ /L	1.43 ±0.40	2.47 ±0.70	3.83 ±1.10
	Mon#	×10 ⁹ /L	0.21 ±0.14	0.49 ±0.49	1.19 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.69 ±0.50	2.01 ±1.30
	Bas#	×10 ⁹ /L	0.08 ±0.08	0.08 ±0.08	0.19 ±0.19
	RBC	×10 ¹² /L	2.26 ±0.18	4.55 ±0.24	5.19 ±0.50
	HGB	g/L	58 ±4	131 ±6	166 ±8
	HCT	%	18.0 ±2.0	38.8 ±3.0	48.0 ±4.0
	MCV	fL	79.7 ±5.0	85.4 ±5.0	92.5 ±6.0
	MCH	pg	25.7 ±2.5	28.9 ±2.5	32.2 ±2.5
	MCHC	g/L	328 ±30	344 ±30	354 ±30
	RDW-CV	%	16.0 ±3.0	14.6 ±3.0	13.9 ±3.0
	RDW-SD	fL	52.9 ±10.0	52.1 ±10.0	54.0 ±12.0
	PLT	×10 ⁹ /L	47 ±20	260 ±40	522 ±60
	MPV	fL	9.0 ±3.0	8.9 ±3.0	9.1 ±3.0
PDW	fL	9.6 ±3.0	11.7 ±3.0	11.7 ±3.0	
PCT	%	0.042 ±0.042	0.231 ±0.100	0.475 ±0.200	
P-LCR	%	25.8 ±8.0	29.2 ±8.0	29.5 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	75 ±25	148 ±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.



BC0923L



BC0923N




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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	WBC	×10 ⁹ /L	3.53 ±0.50	7.85 ±1.00	17.45 ±2.50
	Neu%	%	48.2 ±9.0	56.3 ±8.0	63.3 ±7.0
	Lym%	%	39.9 ±9.0	29.5 ±8.0	20.3 ±6.0
	Mon%	%	6.7 ±4.0	7.1 ±5.0	7.0 ±6.0
	Eos%	%	5.2 ±5.0	7.1 ±6.0	9.4 ±7.0
	Bas%	%	58.2 ±8.0	69.4 ±8.0	79.2 ±8.0
	Neu#	×10 ⁹ /L	1.70 ±0.40	4.42 ±0.70	11.05 ±1.40
	Lym#	×10 ⁹ /L	1.41 ±0.40	2.31 ±0.70	3.54 ±1.10
	Mon#	×10 ⁹ /L	0.24 ±0.14	0.56 ±0.50	1.22 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.56 ±0.50	1.64 ±1.30
	Bas#	×10 ⁹ /L	2.05 ±0.30	5.45 ±0.70	13.82 ±1.50
	RBC	×10 ¹² /L	2.30 ±0.18	4.69 ±0.24	5.32 ±0.50
	HGB	g/L	59 ±4	132 ±6	165 ±8
	HCT	%	17.9 ±2.0	39.9 ±3.0	49.5 ±4.0
	MCV	fL	77.7 ±5.0	85.1 ±5.0	93.0 ±6.0
	MCH	pg	25.9 ±2.5	28.2 ±2.5	31.1 ±2.5
	MCHC	g/L	334 ±30	332 ±30	335 ±30
	RDW-CV	%	18.8 ±3.0	16.7 ±3.0	15.8 ±3.0
	RDW-SD	fL	53.2 ±10.0	51.1 ±10.0	52.6 ±12.0
	PLT	×10 ⁹ /L	52 ±20	271 ±40	521 ±60
	MPV	fL	9.5 ±3.0	10.0 ±3.0	9.8 ±3.0
PDW	fL	11.7 ±3.0	12.1 ±3.0	11.9 ±3.0	
PCT	%	0.050 ±0.050	0.271 ±0.100	0.511 ±0.200	
P-LCR	%	24.7 ±8.0	26.7 ±8.0	26.0 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	73 ±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.



BC0923L



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Applicable Instruments	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	WBC	×10 ⁹ /L	3.56 ±0.50	7.98 ±1.00	18.29 ±2.50
	Neu%	%	47.5 ±9.0	55.4 ±8.0	63.3 ±7.0
	Lym%	%	40.9 ±9.0	30.0 ±8.0	20.7 ±6.0
	Mon%	%	6.5 ±4.0	6.8 ±5.0	6.8 ±6.0
	Eos%	%	4.4 ±4.4	6.9 ±6.0	8.2 ±7.0
	Bas%	%	0.7 ±0.7	0.9 ±0.9	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.69 ±0.40	4.42 ±0.70	11.58 ±1.40
	Lym#	×10 ⁹ /L	1.45 ±0.40	2.39 ±0.70	3.79 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.54 ±0.50	1.24 ±1.10
	Eos#	×10 ⁹ /L	0.16 ±0.15	0.55 ±0.50	1.50 ±1.30
	Bas#	×10 ⁹ /L	0.02 ±0.02	0.07 ±0.07	0.18 ±0.18
	RBC	×10 ¹² /L	2.30 ±0.18	4.65 ±0.24	5.28 ±0.50
	HGB	g/L	60 ±4	131 ±6	165 ±8
	HCT	%	18.0 ±2.0	39.5 ±3.0	49.1 ±4.0
	MCV	fL	78.1 ±5.0	85.0 ±5.0	92.9 ±6.0
	MCH	pg	25.7 ±2.5	28.0 ±2.5	30.9 ±2.5
	MCHC	g/L	332 ±30	332 ±30	336 ±30
	RDW-CV	%	19.2 ±3.0	17.2 ±3.0	16.2 ±3.0
	RDW-SD	fL	47.1 ±10.0	45.4 ±10.0	46.7 ±12.0
	PLT	×10 ⁹ /L	48 ±20	251 ±40	470 ±60
	MPV	fL	9.6 ±3.0	9.0 ±3.0	9.1 ±3.0
PDW	fL	9.6 ±3.0	10.2 ±3.0	10.2 ±3.0	
PCT	%	0.046 ±0.046	0.226 ±0.100	0.428 ±0.200	
P-LCR	%	20.3 ±8.0	21.1 ±8.0	21.4 ±8.0	
P-LCC	×10 ⁹ /L	10 ±10	52 ±25	97 ±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.



BC0923L



BC0923N




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Applicable Instrument	Parameter	Unit	LOT BC0923L	LOT BC0923N	LOT BC0923H
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.1 or higher)	WBC	×10 ⁹ /L	3.31 ±0.50	7.45 ±1.00	17.04 ±2.50
	Neu%	%	46.8 ±9.0	55.2 ±8.0	61.6 ±7.0
	Lym%	%	39.4 ±9.0	29.5 ±8.0	18.1 ±6.0
	Mon%	%	6.2 ±4.0	6.0 ±5.0	8.9 ±6.0
	Eos%	%	5.2 ±5.0	8.5 ±6.0	10.8 ±7.0
	Bas%	%	2.4 ±2.4	0.8 ±0.8	0.6 ±0.6
	Neu#	×10 ⁹ /L	1.55 ±0.40	4.11 ±0.70	10.49 ±1.40
	Lym#	×10 ⁹ /L	1.31 ±0.40	2.20 ±0.70	3.08 ±1.10
	Mon#	×10 ⁹ /L	0.21 ±0.14	0.45 ±0.45	1.52 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.63 ±0.50	1.84 ±1.30
	Bas#	×10 ⁹ /L	0.08 ±0.08	0.06 ±0.06	0.10 ±0.10
	RBC	×10 ¹² /L	2.33 ±0.18	4.65 ±0.24	5.33 ±0.50
	HGB	g/L	58 ±4	133 ±6	170 ±8
	HCT	%	17.9 ±2.0	38.5 ±3.0	47.8 ±4.0
	MCV	fL	76.8 ±5.0	82.8 ±5.0	89.8 ±6.0
	MCH	pg	24.8 ±2.5	28.1 ±2.5	31.6 ±2.5
	MCHC	g/L	326 ±30	341 ±30	354 ±30
	RDW-CV	%	14.8 ±3.0	13.5 ±3.0	13.0 ±3.0
	RDW-SD	fL	51.0 ±10.0	50.4 ±10.0	52.6 ±12.0
	PLT	×10 ⁹ /L	62 ±20	268 ±40	496 ±60
MPV	fL	8.7 ±3.0	8.8 ±3.0	8.9 ±3.0	
PDW	fL	10.3 ±3.0	12.1 ±3.0	12.1 ±3.0	
PCT	%	0.054 ±0.050	0.236 ±0.100	0.441 ±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.



BC0923L



BC0923N



BC0923H