


CBC-DH


HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2209

 2022-08-08

 2022-11-05

Applicable Instrument	Parameter	Unit	Low	Normal	High
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	8.15 ±1.00	18.65 ±2.50
	Neu%	%	50.4 ±9.0	57.6 ±8.0	65.0 ±7.0
	Lym%	%	39.3 ±9.0	28.8 ±8.0	18.4 ±6.0
	Mon%	%	5.0 ±4.0	5.4 ±5.0	6.0 ±6.0
	Eos%	%	5.3 ±5.0	8.2 ±6.0	10.6 ±7.0
	Bas%	%	4.0 ±4.0	3.4 ±3.4	2.5 ±2.5
	Neu#	×10 ⁹ /L	1.79 ±0.40	4.70 ±0.70	12.13 ±1.40
	Lym#	×10 ⁹ /L	1.39 ±0.40	2.35 ±0.70	3.43 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.44 ±0.44	1.12 ±1.10
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.67 ±0.50	1.98 ±1.30
	Bas#	×10 ⁹ /L	0.14 ±0.14	0.28 ±0.28	0.47 ±0.47
	RBC	×10 ¹² /L	2.31 ±0.18	4.52 ±0.24	5.39 ±0.50
	HGB	g/L	58 ±4	129 ±6	170 ±8
	HCT	%	17.6 ±2.0	38.8 ±3.0	50.2 ±4.0
	MCV	fL	75.3 ±5.0	84.1 ±5.0	92.0 ±6.0
	MCH	pg	25.3 ±2.5	28.7 ±2.5	31.6 ±2.5
	MCHC	g/L	340 ±30	341 ±30	347 ±30
	RDW-CV	%	16.7 ±3.0	16.1 ±3.0	16.2 ±3.0
	RDW-SD	fL	52.0 ±10.0	55.3 ±10.0	59.8 ±12.0
	PLT	×10 ⁹ /L	61 ±20	264 ±40	466 ±60
MPV	fL	9.8 ±3.0	9.5 ±3.0	9.6 ±3.0	
PDW	/	14.5 ±3.0	16.1 ±3.0	16.2 ±3.0	
PCT	%	0.060 ±0.050	0.250 ±0.100	0.454 ±0.200	
P-LCR	%	35.5 ±8.0	34.1 ±8.0	34.5 ±8.0	
P-LCC	×10 ⁹ /L	22 ±15	90 ±25	156 ±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 use on DF50,DF51,DF53, DF50 Vet and DF52 Vet model.

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Applicable Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	WBC	×10 ⁹ /L	3.55 ±0.50	8.28 ±1.00	18.98 ±2.50
	Neu%	%	49.6 ±9.0	57.2 ±8.0	65.5 ±7.0
	Lym%	%	39.8 ±9.0	28.5 ±8.0	15.8 ±6.0
	Mon%	%	5.0 ±4.0	6.1 ±5.0	8.1 ±6.0
	Eos%	%	5.6 ±5.0	8.2 ±6.0	10.6 ±7.0
	Bas%	%	5.1 ±5.1	5.2 ±5.2	4.9 ±4.9
	Neu#	×10 ⁹ /L	1.76 ±0.40	4.74 ±0.70	12.43 ±1.40
	Lym#	×10 ⁹ /L	1.41 ±0.40	2.36 ±0.70	3.00 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.51 ±0.50	1.54 ±1.10
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.68 ±0.50	2.01 ±1.30
	Bas#	×10 ⁹ /L	0.18 ±0.18	0.43 ±0.43	0.93 ±0.93
	RBC	×10 ¹² /L	2.38 ±0.18	4.67 ±0.24	5.53 ±0.50
	HGB	g/L	58 ±4	132 ±6	173 ±8
	HCT	%	18.2 ±2.0	39.8 ±3.0	50.9 ±4.0
	MCV	fL	76.6 ±5.0	85.2 ±5.0	92.1 ±6.0
	MCH	pg	24.6 ±2.5	28.2 ±2.5	31.2 ±2.5
	MCHC	g/L	322 ±30	333 ±30	336 ±30
	RDW-CV	%	15.9 ±3.0	14.8 ±3.0	13.9 ±3.0
	RDW-SD	fL	51.2 ±10.0	52.0 ±10.0	53.5 ±12.0
	PLT	×10 ⁹ /L	56 ±20	262 ±40	459 ±60
	MPV	fL	10.3 ±3.0	10.0 ±3.0	10.0 ±3.0
	PDW	fL	14.3 ±3.0	13.9 ±3.0	13.5 ±3.0
	PCT	%	0.058 ±0.050	0.263 ±0.100	0.464 ±0.200
P-LCR	%	38.5 ±8.0	37.6 ±8.0	37.0 ±8.0	
P-LCC	×10 ⁹ /L	22 ±15	99 ±25	166 ±35	

【NOTE】

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


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Applicable Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	×10 ⁹ /L	3.63 ±0.50	8.33 ±1.00	19.30 ±2.50
	Neu%	%	51.0 ±9.0	57.9 ±8.0	64.5 ±7.0
	Lym%	%	39.2 ±9.0	28.4 ±8.0	19.3 ±6.0
	Mon%	%	4.9 ±4.0	5.9 ±5.0	5.9 ±5.9
	Eos%	%	4.9 ±4.9	7.8 ±6.0	10.3 ±7.0
	Bas%	%	3.9 ±3.9	3.5 ±3.5	2.5 ±2.5
	Neu#	×10 ⁹ /L	1.85 ±0.40	4.82 ±0.70	12.45 ±1.40
	Lym#	×10 ⁹ /L	1.42 ±0.40	2.37 ±0.70	3.73 ±1.10
	Mon#	×10 ⁹ /L	0.18 ±0.14	0.49 ±0.49	1.14 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.65 ±0.50	1.99 ±1.30
	Bas#	×10 ⁹ /L	0.14 ±0.14	0.29 ±0.29	0.48 ±0.48
	RBC	×10 ¹² /L	2.38 ±0.18	4.62 ±0.24	5.54 ±0.50
	HGB	g/L	59 ±4	130 ±6	173 ±8
	HCT	%	18.2 ±2.0	38.4 ±3.0	49.4 ±4.0
	MCV	fL	76.5 ±5.0	83.1 ±5.0	89.1 ±6.0
	MCH	pg	24.7 ±2.5	28.3 ±2.5	31.3 ±2.5
	MCHC	g/L	326 ±30	344 ±30	356 ±30
	RDW-CV	%	16.5 ±3.0	15.5 ±3.0	15.3 ±3.0
	RDW-SD	fL	54.2 ±10.0	55.8 ±10.0	59.0 ±12.0
	PLT	×10 ⁹ /L	57 ±20	247 ±40	444 ±60
MPV	fL	9.9 ±3.0	9.3 ±3.0	9.5 ±3.0	
PDW	fL	14.0 ±3.0	13.0 ±3.0	13.1 ±3.0	
PCT	%	0.057 ±0.050	0.233 ±0.100	0.432 ±0.200	
P-LCR	%	35.1 ±8.0	32.9 ±8.0	33.7 ±8.0	
P-LCC	×10 ⁹ /L	20 ±15	82 ±25	146 ±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 use on DF50,DF51 and DF53 model.



Low



Normal



High

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2022-08-08

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Applicable Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	WBC	×10 ⁹ /L	3.75 ±0.50	8.53 ±1.00	19.44 ±2.50
	Neu%	%	50.5 ±9.0	58.4 ±8.0	65.0 ±7.0
	Lym%	%	39.5 ±9.0	29.0 ±8.0	19.4 ±6.0
	Mon%	%	5.0 ±4.0	5.0 ±5.0	5.0 ±5.0
	Eos%	%	5.0 ±5.0	7.6 ±6.0	10.6 ±7.0
	Bas%	%	4.9 ±4.9	3.7 ±3.7	2.8 ±2.8
	Neu#	×10 ⁹ /L	1.89 ±0.40	4.98 ±0.70	12.63 ±1.40
	Lym#	×10 ⁹ /L	1.48 ±0.40	2.47 ±0.70	3.77 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.43 ±0.43	0.97 ±0.97
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.65 ±0.50	2.06 ±1.30
	Bas#	×10 ⁹ /L	0.18 ±0.18	0.32 ±0.32	0.54 ±0.54
	RBC	×10 ¹² /L	2.41 ±0.18	4.68 ±0.24	5.50 ±0.50
	HGB	g/L	60 ±4	133 ±6	173 ±8
	HCT	%	18.2 ±2.0	38.9 ±3.0	48.8 ±4.0
	MCV	fL	75.6 ±5.0	83.2 ±5.0	88.8 ±6.0
	MCH	pg	25.3 ±2.5	29.2 ±2.5	32.3 ±2.5
	MCHC	g/L	327 ±30	343 ±30	358 ±30
	RDW-CV	%	16.1 ±3.0	14.9 ±3.0	14.2 ±3.0
	RDW-SD	fL	51.9 ±10.0	52.6 ±10.0	54.2 ±12.0
	PLT	×10 ⁹ /L	60 ±20	265 ±40	468 ±60
	MPV	fL	9.7 ±3.0	9.0 ±3.0	9.2 ±3.0
	PDW	fL	14.2 ±3.0	13.6 ±3.0	13.3 ±3.0
	PCT	%	0.058 ±0.050	0.239 ±0.100	0.436 ±0.200
P-LCR	%	32.6 ±8.0	30.6 ±8.0	31.1 ±8.0	
P-LCC	×10 ⁹ /L	20 ±15	81 ±25	140 ±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.
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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 use on DF50,DF51 and DF53 model.



Low



Normal



High