

# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

2025-11-05

Applicable Instruments	Parameter	Unit	LOT B0825L	LOT B0825N	LOT B0825H
	WBC	×10 <sup>9</sup> /L	<b>1.90</b> ±0.60	<b>8.10</b> ±1.00	<b>22.10</b> ±2.50
DYMIND	Lym%	%	61.4 ±9.0	30.3 ±8.0	13.7 ±8.0
DIMIND	Gran%	%	29.3 ±9.0	62.8 ±8.0	82.2 ±8.0
DH31	Mid%	%	9.3 ±9.3	6.9 ±6.0	4.1 ±4.0
DH33 DH36	Lym#	×10 <sup>9</sup> /L	1.16 ±0.30	2.45 ±0.70	3.02 ±2.00
(Technical File	Gran#	×10 <sup>9</sup> /L	0.56 ±0.30	5.09 ±0.70	18.17 ±2.00
Version A5.0 or	Mid#	×10 <sup>9</sup> /L	0.18 ±0.18	0.56 ±0.50	0.91 ±0.80
higher)	RBC	×10 <sup>12</sup> /L	<b>2.21</b> ±0.24	<b>4.65</b> ±0.24	<b>5.66</b> ±0.50
DH31 Vet	HGB	g/L	<b>57</b> ±6	<b>136</b> ±6	<b>184</b> ±8
DH36 Vet (Technical File	HCT	%	18.1 ±2.0	42.7 ±3.0	55.5 ±4.0
Version A1.0 to	MCV	fL	<b>82.1</b> ±5.0	<b>91.9</b> ±5.0	<b>98.0</b> ±5.0
A4.0)	MCH	pg	25.6 ±2.5	29.2 ±2.5	32.0 ±2.5
	MCHC	g/L	315 ±30	319 ±30	330 ±30
	RDW-CV	%	17.9 ±3.0	17.6 ±3.0	18.6 ±3.0
	RDW-SD	fL	50.1 ±8.0	55.4 ±8.0	61.6 ±8.0
	PLT	×10 <sup>9</sup> /L	<b>69</b> ±20	<b>266</b> ±40	<b>539</b> ±60
	MPV	fL	8.9 ±3.0	8.5 ±3.0	8.7 ±3.0
	PDW	fL	11.0 ±3.0	10.3 ±3.0	10.8 ±3.0
	PCT	%	0.062 ±0.062	0.227 ±0.200	0.476 ±0.200
	P-LCR	%	20.1 ±10.0	17.3 ±10.0	19.7 ±10.0
	P-LCC	×10 <sup>9</sup> /L	14 ±14	47 ±25	108 ±30
	PDW	/	15.9 ±3.0	16.0 ±3.0	15.9 ±3.0

### [NOTE]

- 1. The controls should be stored in refrigerator (2  $^{\circ}\text{C} \sim 8 ^{\circ}\text{C}$ ). After opening, it will keep stable for 14 days when it is stored airtight at 2  $^{\circ}\text{C} \sim 8 ^{\circ}\text{C}$ .
- 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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ 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.







B0825N

B0825H



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

2025-11-05

Applicable Instruments	Parameter	Unit	LOT B	30825L	LOT 1	B0825N	LOT B	30825H
	WBC	×10 <sup>9</sup> /L	1.90	±0.60	7.80	±1.00	21.40	±2.50
DYMIND	Lym%	%	61.1	±9.0	29.6	±8.0	13.3	±8.0
	Gran%	%	29.7	±9.0	65.5	±8.0	81.0	±8.0
DH21	Mid%	%	9.2	±9.2	4.9	±4.9	5.7	±5.0
DH23 DH25	Lym#	×10 <sup>9</sup> /L	1.17	±0.30	2.31	±0.70	2.85	±2.00
DH26	Gran#	×10 <sup>9</sup> /L	0.56	±0.30	5.11	±0.70	17.33	±2.00
(Technical File	Mid#	×10 <sup>9</sup> /L	0.17	±0.17	0.38	±0.38	1.22	±1.10
Version A1.0 or higher)	RBC	×10 <sup>12</sup> /L	2.21	±0.24	4.47	±0.24	5.44	±0.50
8 1 /	HGB	g/L	56	±6	134	<u>±6</u>	183	±8
	HCT	%	17.2	±2.0	38.0	±3.0	49.3	±4.0
	MCV	fL	77.9	±5.0	85.0	±5.0	90.7	±5.0
	MCH	pg	25.1	±2.5	29.5	±2.5	33.0	±2.5
	MCHC	g/L	330	±30	352	±30	370	±30
	RDW-CV	%	17.1	±3.0	15.6	±3.0	15.7	±3.0
	RDW-SD	fL	48.9	±8.0	48.9	±8.0	51.4	±8.0
	PLT	×10 <sup>9</sup> /L	64	±20	259	±40	520	±60
	MPV	fL	10.0	±3.0	9.2	±3.0	9.3	±3.0
	PDW	fL	10.4	±3.0	10.0	±3.0	10.4	±3.0
	PCT	%	0.063	±0.063	0.236	±0.200	0.480	±0.200
	P-LCR	%	26.8	±10.0	22.0	±10.0	23.3	±10.0
	P-LCC	×10 <sup>9</sup> /L	17	±15	56	<u>+2</u> 5	120	±30

#### (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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ 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.







B0825L B0825N

B0825H



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

2025-11-05

Applicable Instruments	Parameter	Unit	LOT B0825L	LOT B0825N	LOT <b>B0825H</b>
	WBC	×10 <sup>9</sup> /L	<b>1.90</b> ±0.60	<b>8.10</b> ±1.00	<b>22.00</b> ±2.50
DYMIND	Lym%	%	60.7 ±9.0	29.2 ±8.0	13.6 ±8.0
	Gran%	%	29.4 ±9.0	64.9 ±8.0	82.1 ±8.0
DH20	Mid%	%	9.9 ±9.9	5.9 ±5.9	4.3 ±4.0
DH22 (Technical File	Lym#	×10 <sup>9</sup> /L	1.15 ±0.30	2.36 ±0.70	2.99 ±2.00
Version B1.0 or	Gran#	×10 <sup>9</sup> /L	0.56 ±0.30	5.26 ±0.70	18.06 ±2.00
higher)	Mid#	×10 <sup>9</sup> /L	0.19 ±0.19	0.48 ±0.48	0.95 ±0.85
	RBC	×10 <sup>12</sup> /L	<b>2.25</b> ±0.24	<b>4.72</b> ±0.24	<b>5.77</b> ±0.50
	HGB	g/L	<b>58</b> ±6	<b>137</b> ±6	<b>186</b> ±8
	HCT	%	18.7 ±2.0	42.1 ±3.0	54.2 ±4.0
	MCV	fL	<b>83.3</b> ±5.0	<b>89.1</b> ±5.0	<b>93.9</b> ±5.0
	MCH	pg	25.8 ±2.5	28.1 ±2.5	30.5 ±2.5
	MCHC	g/L	310 ±30	325 ±30	331 ±30
	RDW-CV	%	15.6 ±3.0	14.3 ±3.0	14.7 ±3.0
	RDW-SD	fL	53.0 ±8.0	53.5 ±8.0	57.6 ±8.0
	PLT	×10 <sup>9</sup> /L	<b>66</b> ±20	<b>266</b> ±40	<b>543</b> ±60
	MPV	fL	8.6 ±3.0	8.4 ±3.0	8.7 ±3.0
	PDW	fL	13.3 ±3.0	12.8 ±3.0	13.6 ±3.0
	PCT	%	0.058 ±0.058	0.227 ±0.200	0.483 ±0.200
	P-LCR	%	31.6 ±10.0	29.8 ±10.0	32.6 ±10.0
	P-LCC	×10 <sup>9</sup> /L	21 ±15	81 ±25	181 ±30

#### (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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ 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.







B0825H

B0825L B0825N



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

2025-11-05

Applicable Instruments	Parameter	Unit	LOT B0825L	LOT B0825N	LOT B0825H
	WBC	×10 <sup>9</sup> /L	<b>1.80</b> ±0.60	<b>7.40</b> ±1.00	<b>20.10</b> ±2.50
DYMIND	Lym%	%	58.3 ±9.0	28.5 ±8.0	12.9 ±8.0
DIMIND	Gran%	%	30.2 ±9.0	65.3 ±8.0	84.5 ±8.0
DH31 Vet	Mid%	%	11.5 ±10.0	6.2 ±6.0	2.6 ±2.6
DH36 Vet (Technical File	Lym#	×10 <sup>9</sup> /L	1.05 ±0.30	2.11 ±0.70	2.60 ±2.00
Version A5.0 or	Gran#	×10 <sup>9</sup> /L	0.54 ±0.30	4.83 ±0.70	16.98 ±2.00
higher)	Mid#	×10 <sup>9</sup> /L	0.21 ±0.20	0.46 ±0.46	0.52 ±0.50
	RBC	×10 <sup>12</sup> /L	<b>2.15</b> ±0.30	<b>4.35</b> ±0.40	<b>5.37</b> ±0.50
	HGB	g/L	<b>53</b> ±6	<b>125</b> ±6	<b>168</b> ±8
	HCT	%	18.0 ±2.0	39.8 ±3.0	52.0 ±4.0
	MCV	fL	<b>83.7</b> ±5.0	<b>91.4</b> ±5.0	<b>96.9</b> ±5.0
	MCH	pg	24.7 ±2.5	29.6 ±2.5	31.3 ±2.5
	MCHC	g/L	310 ±30	325 ±30	323 ±30
	RDW-CV	%	16.3 ±3.0	14.9 ±3.0	15.2 ±3.0
	RDW-SD	fL	53.9 ±8.0	53.8 ±8.0	57.4 ±8.0
	PLT	×10 <sup>9</sup> /L	<b>63</b> ±20	<b>244</b> ±40	<b>517</b> ±60
	MPV	fL	9.7 ±3.0	8.9 ±3.0	9.2 ±3.0
	PDW	fL	10.4 ±3.0	9.7 ±3.0	10.2 ±3.0
	PCT	%	0.064 ±0.064	0.247 ±0.200	0.437 ±0.200

### [NOTE]

- 1. The controls should be stored in refrigerator (2  $^{\circ}\text{C} \sim 8^{\circ}\text{C}$ ). After opening, it will keep stable for 14 days when it is stored airtight at 2  $^{\circ}\text{C} \sim 8^{\circ}\text{C}$ .
- 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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ 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.







B0825L

B0825N

B0825H



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

					1			J23-11-03
Applicable Instruments	Parameter	Unit	LOT B	30825L	LOT I	B0825N	LOT B	80825H
	WBC	×10 <sup>9</sup> /L	1.80	±0.60	7.40	±1.00	20.40	±2.50
DYMIND	Lym%	%	66.3	±9.0	33.7	±8.0	15.6	±8.0
DIMIND	Gran%	%	30.6	±9.0	61.8	±8.0	79.7	±8.0
DH36X	Mid%	%	3.1	±3.1	4.5	±4.5	4.7	±4.0
(Technical File Version A1.0 or	Lym#	×10 <sup>9</sup> /L	1.19	±0.30	2.50	±0.70	3.18	±2.00
higher)	Gran#	×10 <sup>9</sup> /L	0.55	±0.30	4.57	±0.70	16.26	±2.00
	Mid#	×10 <sup>9</sup> /L	0.06	±0.06	0.33	±0.33	0.96	±0.80
	RBC	×10 <sup>12</sup> /L	2.25	±0.24	4.55	±0.24	5.56	±0.50
	HGB	g/L	56	<u>±6</u>	132	±6	179	±8
	НСТ	%	18.2	±2.0	40.2	±3.0	52.5	±4.0
	MCV	fL	80.7	±5.0	88.3	±5.0	94.4	±5.0
	MCH	pg	24.7	±2.5	29.1	±2.5	32.2	±2.5
	MCHC	g/L	311	±30	330	±30	345	±30
	RDW-CV	%	17.3	±3.0	15.8	±3.0	16.1	±3.0
	RDW-SD	fL	52.0	±8.0	51.8	±8.0	55.2	±8.0
	PLT	×10 <sup>9</sup> /L	65	±20	253	<u>±</u> 40	524	<u>±</u> 60
	MPV	fL	9.4	±3.0	9.0	±3.0	9.2	±3.0
	PDW	fL	12.5	±3.0	11.7	±3.0	12.2	±3.0
	PCT	%	0.062	±0.062	0.231	±0.200	0.488	±0.200
	P-LCR	%	28.5	±10.0	25.0	±10.0	26.9	±10.0
	P-LCC	×10 <sup>9</sup> /L	19	±15	64	<u>+25</u>	142	±30

#### (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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ 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.







B0825N



B0825H



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

□ 2025-11-05

				ı	2023-11-03
Applicable Instruments	Parameter	Unit	LOT B0825L	LOT B0825N	LOT <b>B0825H</b>
	WBC	×10 <sup>9</sup> /L	<b>2.20</b> ±0.60	<b>8.40</b> ±1.00	<b>22.20</b> ±2.50
DYMIND	Lym%	%	64.0 ±9.0	31.4 ±8.0	14.3 ±8.0
DIMIND	Gran%	%	31.2 ±9.0	65.3 ±8.0	82.4 ±8.0
DP-H10	Mid%	%	4.8 ±4.8	3.3 ±3.3	3.3 ±3.3
DP-H12 DP-H13	Lym#	×10 <sup>9</sup> /L	1.40 ±0.30	2.63 ±0.70	3.18 ±2.00
DP-H15	Gran#	×10 <sup>9</sup> /L	0.69 ±0.30	5.49 ±0.70	18.29 ±2.00
DP-H16	Mid#	×10 <sup>9</sup> /L	0.11 ±0.11	0.28 ±0.28	0.73 ±0.70
DP-H17 (Technical File	RBC	×10 <sup>12</sup> /L	<b>2.45</b> ±0.24	<b>4.94</b> ±0.24	<b>6.09</b> ±0.50
Version A3.3 or	HGB	g/L	<b>59</b> ±6	136 ±6	183 ±8
higher)	HCT	%	19.4 ±2.0	42.2 ±3.0	54.6 ±4.0
	MCV	fL	<b>79.2</b> ±5.0	<b>85.5</b> ±5.0	<b>89.6</b> ±5.0
	MCH	pg	24.0 ±2.5	27.6 ±2.5	30.1 ±2.5
	MCHC	g/L	308 ±30	327 ±30	341 ±30
	RDW-CV	%	16.1 ±3.0	15.3 ±3.0	15.5 ±3.0
	RDW-SD	fL	49.2 ±8.0	50.9 ±8.0	53.5 ±8.0
	PLT	×10 <sup>9</sup> /L	<b>48</b> ±20	<b>240</b> ±40	<b>485</b> ±60
	MPV	fL	9.4 ±3.0	9.0 ±3.0	9.3 ±3.0
	PDW	fL	12.2 ±3.0	11.1 ±3.0	11.9 ±3.0
	PCT	%	0.044 ±0.044	0.215 ±0.200	0.452 ±0.200
	P-LCR	%	23.8 ±10.0	22.0 ±10.0	24.2 ±10.0
	P-LCC	×10 <sup>9</sup> /L	12 ±12	53 ±25	118 ±30

- 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 °C ~ 30 °C).
- 3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- 4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
- 5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.











B0825H



# **HEMATOLOGY CONTROL**

## Reference Values provided by DYMIND

CONTROL

M 2025-07-14

Applicable Instruments	Parameter	Unit	LOT B0825L	LOT B0825N	LOT B0825H
	WBC	×10 <sup>9</sup> /L	<b>1.80</b> ±0.80	<b>7.40</b> ±2.00	<b>20.10</b> ±4.50
DYMIND	Lym%	%	59.3 ±10.0	28.5 ±8.0	12.9 ±8.0
Divini	Gran%	%	30.2 ±12.0	65.3 ±8.0	84.5 ±8.0
DP-H10 Vet	Mid%	%	10.5 ±10.0	6.2 ±5.0	2.6 ±2.6
(Technical File Version A1.0 or	Lym#	×10 <sup>9</sup> /L	1.07 ±0.60	2.11 ±1.00	2.60 ±2.00
higher)	Gran#	×10 <sup>9</sup> /L	0.54 ±0.50	4.83 ±1.80	16.98 ±5.00
	Mid#	×10 <sup>9</sup> /L	0.19 ±0.19	0.46 ±0.46	0.52 ±0.50
	RBC	×10 <sup>12</sup> /L	<b>2.16</b> ±0.50	<b>4.37</b> ±1.20	<b>5.40</b> ±1.20
	HGB	g/L	<b>63</b> ±15	<b>135</b> ±30	<b>180</b> ±40
	НСТ	%	18.0 ±5.0	39.9 ±10.0	52.0 ±15.0
	MCV	fL	<b>83.3</b> ±12.0	<b>91.2</b> ±8.0	<b>96.3</b> ±8.0
	MCH	pg	29.5 ±3.0	31.3 ±3.0	34.0 ±3.0
	MCHC	g/L	359 ±45	353 ±45	362 ±45
	RDW-CV	%	15.7 ±3.0	15.2 ±3.0	14.9 ±3.0
	RDW-SD	fL	36.8 ±8.0	38.5 ±8.0	39.4 ±8.0
	PLT	×10 <sup>9</sup> /L	<b>74</b> ±40	<b>249</b> ±80	<b>525</b> ±120
	MPV	fL	10.7 ±4.0	9.9 ±3.0	10.2 ±3.0
	PDW	fL	10.4 ±9.0	7.8 ±3.0	7.9 ±3.0
	PCT	%	0.069 ±0.069	0.249 ±0.249	0.537 ±0.400

### [NOTE]

- 1. The controls should be stored in refrigerator (2  $^{\circ}\text{C} \sim 8^{\circ}\text{C}$ ). After opening, it will keep stable for 14 days when it is stored airtight at 2  $^{\circ}\text{C} \sim 8^{\circ}\text{C}$ .
- 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  $^{\circ}$ C  $^{\circ}$ 30  $^{\circ}$ C).
- 3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- 4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
- 5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.





