

	文件类型	技术文件	文件版本	V10.4.1		
	项目代号	/	页码	第0页 共6页		
	文件编号	GL DM-56-03-en				
文件名称： <p style="text-align: center;"><b>CONTROL DM-3D B1124 2025-02-10</b></p> 适用范围： 公司所有三分类仪器						
编制：郭罕星 日期：2024.11.22		审核：刘金盈 日期：2024.11.22		批准：郑剑通 日期：2024.11.22		
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
V10.4.0	/	新建		郭罕星	郑剑通	2024.10.31
V10.4.1	/	更新DP-H10 Vet 参考值		郭罕星	郑剑通	2024.11.22
发至：	<input type="checkbox"/> 总经办 <input type="checkbox"/> 质量部 <input type="checkbox"/> 财务部 <input checked="" type="checkbox"/> 营销部 <input checked="" type="checkbox"/> 客服 <input type="checkbox"/> 计划 <input type="checkbox"/> 采购 <input checked="" type="checkbox"/> 工程 <input type="checkbox"/> 仓库 <input checked="" type="checkbox"/> 设备研发 <input checked="" type="checkbox"/> 试剂研发 <input type="checkbox"/> 物料质量 <input type="checkbox"/> 设备生产 <input type="checkbox"/> 试剂生产 <input checked="" type="checkbox"/> 试剂质检 <input checked="" type="checkbox"/> 设备质检					
由试剂研发						

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
DYMIND DH31 DH33 DH36 (Technical File Version A5.0 or higher) DH31 Vet DH36 Vet (Technical File Version A1.0 to A4.0)	WBC	$\times 10^9/L$	<b>1.98</b> $\pm 0.60$	<b>7.68</b> $\pm 1.00$	<b>20.74</b> $\pm 2.50$
	Lym%	%	60.7 $\pm 9.0$	33.0 $\pm 8.0$	16.2 $\pm 8.0$
	Gran%	%	28.6 $\pm 9.0$	60.8 $\pm 8.0$	79.8 $\pm 8.0$
	Mid%	%	10.7 $\pm 10.0$	6.2 $\pm 6.0$	4.0 $\pm 4.0$
	Lym#	$\times 10^9/L$	1.20 $\pm 0.30$	2.54 $\pm 0.70$	3.36 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.57 $\pm 0.30$	4.66 $\pm 0.70$	16.55 $\pm 2.00$
	Mid#	$\times 10^9/L$	0.21 $\pm 0.20$	0.48 $\pm 0.48$	0.83 $\pm 0.83$
	RBC	$\times 10^{12}/L$	<b>2.37</b> $\pm 0.24$	<b>4.68</b> $\pm 0.24$	<b>5.78</b> $\pm 0.30$
	HGB	g/L	<b>57</b> $\pm 6$	<b>135</b> $\pm 6$	<b>187</b> $\pm 8$
	HCT	%	19.1 $\pm 2.0$	43.3 $\pm 3.0$	58.8 $\pm 4.0$
	MCV	fL	<b>80.4</b> $\pm 5.0$	<b>92.5</b> $\pm 5.0$	<b>101.9</b> $\pm 5.0$
	MCH	pg	24.2 $\pm 2.5$	28.8 $\pm 2.5$	32.4 $\pm 2.5$
	MCHC	g/L	300 $\pm 30$	312 $\pm 30$	318 $\pm 30$
	RDW-CV	%	17.3 $\pm 3.0$	17.1 $\pm 3.0$	16.3 $\pm 3.0$
	RDW-SD	fL	44.2 $\pm 8.0$	50.3 $\pm 8.0$	56.1 $\pm 8.0$
	PLT	$\times 10^9/L$	<b>67</b> $\pm 20$	<b>261</b> $\pm 40$	<b>515</b> $\pm 60$
	MPV	fL	8.3 $\pm 3.0$	8.7 $\pm 3.0$	8.6 $\pm 3.0$
	PDW	fL	10.0 $\pm 3.0$	10.6 $\pm 3.0$	10.5 $\pm 3.0$
	PCT	%	0.056 $\pm 0.056$	0.230 $\pm 0.200$	0.443 $\pm 0.200$
	P-LCR	%	16.5 $\pm 10.0$	19.2 $\pm 10.0$	18.2 $\pm 10.0$
P-LCC	$\times 10^9/L$	15 $\pm 15$	50 $\pm 25$	94 $\pm 30$	
PDW	/	16.1 $\pm 3.0$	16.0 $\pm 3.0$	16.2 $\pm 3.0$	

**【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.



B1124L



B1124N





B1124H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
<b>DYMIND</b>  DH21 DH23 DH25 DH26 (Technical File Version A1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>1.98</b> $\pm 0.60$	<b>7.55</b> $\pm 1.00$	<b>20.51</b> $\pm 2.50$
	Lym%	%	61.2 $\pm 9.0$	32.3 $\pm 8.0$	15.4 $\pm 8.0$
	Gran%	%	28.6 $\pm 9.0$	61.5 $\pm 8.0$	78.8 $\pm 8.0$
	Mid%	%	10.2 $\pm 10.0$	6.2 $\pm 6.0$	5.8 $\pm 5.0$
	Lym#	$\times 10^9/L$	1.21 $\pm 0.30$	2.44 $\pm 0.70$	3.16 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.57 $\pm 0.30$	4.64 $\pm 0.70$	16.16 $\pm 2.00$
	Mid#	$\times 10^9/L$	0.20 $\pm 0.20$	0.47 $\pm 0.47$	1.19 $\pm 1.00$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.42</b> $\pm 0.24$	<b>4.65</b> $\pm 0.24$	<b>5.70</b> $\pm 0.30$
	<b>HGB</b>	g/L	<b>57</b> $\pm 6$	<b>135</b> $\pm 6$	<b>190</b> $\pm 8$
	HCT	%	18.4 $\pm 2.0$	39.6 $\pm 3.0$	53.4 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.3</b> $\pm 5.0$	<b>85.0</b> $\pm 5.0$	<b>93.5</b> $\pm 5.0$
	MCH	pg	23.5 $\pm 2.5$	29.0 $\pm 2.5$	33.1 $\pm 2.5$
	MCHC	g/L	315 $\pm 30$	346 $\pm 30$	362 $\pm 30$
	RDW-CV	%	16.3 $\pm 3.0$	15.5 $\pm 3.0$	14.4 $\pm 3.0$
	RDW-SD	fL	46.3 $\pm 8.0$	48.9 $\pm 8.0$	49.3 $\pm 8.0$
	<b>PLT</b>	$\times 10^9/L$	<b>66</b> $\pm 20$	<b>262</b> $\pm 40$	<b>528</b> $\pm 60$
	MPV	fL	9.7 $\pm 3.0$	9.6 $\pm 3.0$	9.4 $\pm 3.0$
	PDW	fL	9.7 $\pm 3.0$	10.6 $\pm 3.0$	10.5 $\pm 3.0$
	PCT	%	0.067 $\pm 0.067$	0.259 $\pm 0.200$	0.511 $\pm 0.200$
	P-LCR	%	25.3 $\pm 10.0$	24.6 $\pm 10.0$	23.4 $\pm 10.0$
P-LCC	$\times 10^9/L$	17 $\pm 15$	66 $\pm 25$	127 $\pm 30$	

**【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.



B1124L



B1124N





B1124H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
DYMIND DH20 DH22 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	<b>2.00</b> $\pm 0.60$	<b>7.72</b> $\pm 1.00$	<b>20.66</b> $\pm 2.50$
	Lym%	%	60.4 $\pm 9.0$	32.7 $\pm 8.0$	16.4 $\pm 8.0$
	Gran%	%	29.5 $\pm 9.0$	61.0 $\pm 8.0$	79.2 $\pm 8.0$
	Mid%	%	10.1 $\pm 10.0$	6.3 $\pm 6.0$	4.4 $\pm 4.4$
	Lym#	$\times 10^9/L$	1.21 $\pm 0.30$	2.52 $\pm 0.70$	3.38 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.59 $\pm 0.30$	4.71 $\pm 0.70$	16.37 $\pm 2.00$
	Mid#	$\times 10^9/L$	0.20 $\pm 0.20$	0.49 $\pm 0.49$	0.91 $\pm 0.91$
	RBC	$\times 10^{12}/L$	<b>2.39</b> $\pm 0.24$	<b>4.70</b> $\pm 0.24$	<b>5.82</b> $\pm 0.30$
	HGB	g/L	<b>59</b> $\pm 6$	<b>137</b> $\pm 6$	<b>190</b> $\pm 8$
	HCT	%	19.0 $\pm 2.0$	41.5 $\pm 3.0$	55.9 $\pm 4.0$
	MCV	fL	<b>79.8</b> $\pm 5.0$	<b>88.3</b> $\pm 5.0$	<b>96.0</b> $\pm 5.0$
	MCH	pg	25.5 $\pm 2.5$	29.9 $\pm 2.5$	33.4 $\pm 2.5$
	MCHC	g/L	325 $\pm 30$	342 $\pm 30$	353 $\pm 30$
	RDW-CV	%	15.2 $\pm 3.0$	14.2 $\pm 3.0$	13.2 $\pm 3.0$
	RDW-SD	fL	50.1 $\pm 8.0$	53.1 $\pm 8.0$	56.5 $\pm 8.0$
	PLT	$\times 10^9/L$	<b>65</b> $\pm 20$	<b>272</b> $\pm 40$	<b>551</b> $\pm 60$
	MPV	fL	8.3 $\pm 3.0$	8.8 $\pm 3.0$	8.7 $\pm 3.0$
	PDW	fL	12.4 $\pm 3.0$	13.9 $\pm 3.0$	13.7 $\pm 3.0$
	PCT	%	0.052 $\pm 0.052$	0.237 $\pm 0.200$	0.472 $\pm 0.200$
P-LCR	%	28.9 $\pm 10.0$	33.6 $\pm 10.0$	32.7 $\pm 10.0$	
P-LCC	$\times 10^9/L$	18 $\pm 15$	90 $\pm 25$	176 $\pm 30$	

**【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.



B1124L




B1124N




B1124H

# DM-3D

## HEMATOLOGY CONTROL

**Reference Values provided by DYMIND**
**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
<b>DYMIND</b>  DH31 Vet DH36 Vet (Technical File Version A5.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>1.90</b> $\pm 0.60$	<b>7.41</b> $\pm 1.00$	<b>20.06</b> $\pm 2.50$
	Lym%	%	58.9 $\pm 9.0$	31.3 $\pm 8.0$	15.6 $\pm 8.0$
	Gran%	%	29.1 $\pm 9.0$	62.1 $\pm 8.0$	79.9 $\pm 8.0$
	Mid%	%	12.0 $\pm 10.0$	6.6 $\pm 6.0$	4.5 $\pm 4.5$
	Lym#	$\times 10^9/L$	1.12 $\pm 0.30$	2.32 $\pm 0.70$	3.14 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.55 $\pm 0.30$	4.60 $\pm 0.70$	16.02 $\pm 2.00$
	Mid#	$\times 10^9/L$	0.23 $\pm 0.20$	0.49 $\pm 0.49$	0.90 $\pm 0.90$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.37</b> $\pm 0.30$	<b>4.64</b> $\pm 0.40$	<b>5.69</b> $\pm 0.30$
	<b>HGB</b>	g/L	<b>56</b> $\pm 6$	<b>128</b> $\pm 6$	<b>178</b> $\pm 8$
	HCT	%	19.6 $\pm 2.0$	42.8 $\pm 3.0$	57.7 $\pm 4.0$
	<b>MCV</b>	fL	<b>82.4</b> $\pm 5.0$	<b>92.3</b> $\pm 5.0$	<b>101.4</b> $\pm 5.0$
	MCH	pg	23.4 $\pm 2.5$	27.7 $\pm 2.5$	31.3 $\pm 2.5$
	MCHC	g/L	293 $\pm 30$	307 $\pm 30$	316 $\pm 30$
	RDW-CV	%	15.8 $\pm 3.0$	14.8 $\pm 3.0$	13.6 $\pm 3.0$
	RDW-SD	fL	50.5 $\pm 8.0$	53.1 $\pm 8.0$	55.1 $\pm 8.0$
	<b>PLT</b>	$\times 10^9/L$	<b>63</b> $\pm 20$	<b>259</b> $\pm 40$	<b>532</b> $\pm 60$
	MPV	fL	9.3 $\pm 3.0$	9.5 $\pm 3.0$	9.3 $\pm 3.0$
	PDW	fL	9.8 $\pm 3.0$	10.4 $\pm 3.0$	10.3 $\pm 3.0$
PCT	%	0.067 $\pm 0.067$	0.281 $\pm 0.200$	0.565 $\pm 0.200$	

**【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.



B1124L



B1124N





B1124H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
<b>DYMIND</b>  DH36X (Technical File Version A1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>1.96</b> $\pm 0.60$	<b>7.76</b> $\pm 1.00$	<b>20.67</b> $\pm 2.50$
	Lym%	%	68.3 $\pm 9.0$	35.6 $\pm 8.0$	17.6 $\pm 8.0$
	Gran%	%	28.7 $\pm 9.0$	59.4 $\pm 8.0$	76.9 $\pm 8.0$
	Mid%	%	3.0 $\pm 3.0$	5.0 $\pm 5.0$	5.5 $\pm 5.0$
	Lym#	$\times 10^9/L$	1.34 $\pm 0.30$	2.76 $\pm 0.70$	3.63 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.56 $\pm 0.30$	4.61 $\pm 0.70$	15.90 $\pm 2.00$
	Mid#	$\times 10^9/L$	0.06 $\pm 0.06$	0.39 $\pm 0.39$	1.14 $\pm 1.00$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.40</b> $\pm 0.24$	<b>4.63</b> $\pm 0.24$	<b>5.64</b> $\pm 0.30$
	<b>HGB</b>	g/L	<b>58</b> $\pm 6$	<b>134</b> $\pm 6$	<b>186</b> $\pm 8$
	HCT	%	18.8 $\pm 2.0$	40.5 $\pm 3.0$	54.4 $\pm 4.0$
	<b>MCV</b>	fL	<b>78.4</b> $\pm 5.0$	<b>87.5</b> $\pm 5.0$	<b>96.5</b> $\pm 5.0$
	MCH	pg	24.5 $\pm 2.5$	29.5 $\pm 2.5$	33.6 $\pm 2.5$
	MCHC	g/L	317 $\pm 30$	339 $\pm 30$	353 $\pm 30$
	RDW-CV	%	16.7 $\pm 3.0$	15.6 $\pm 3.0$	14.3 $\pm 3.0$
	RDW-SD	fL	48.7 $\pm 8.0$	51.1 $\pm 8.0$	51.1 $\pm 8.0$
	<b>PLT</b>	$\times 10^9/L$	<b>67</b> $\pm 20$	<b>260</b> $\pm 40$	<b>530</b> $\pm 60$
	MPV	fL	9.1 $\pm 3.0$	9.4 $\pm 3.0$	9.2 $\pm 3.0$
	PDW	fL	11.7 $\pm 3.0$	12.2 $\pm 3.0$	12.2 $\pm 3.0$
	PCT	%	0.063 $\pm 0.063$	0.250 $\pm 0.200$	0.498 $\pm 0.200$
	P-LCR	%	25.7 $\pm 10.0$	27.5 $\pm 10.0$	26.6 $\pm 10.0$
P-LCC	$\times 10^9/L$	18 $\pm 15$	73 $\pm 25$	144 $\pm 30$	

**【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.



B1124L



B1124N





B1124H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2024-10-14

 2025-02-10

Applicable Instruments	Parameter	Unit	LOT B1124L	LOT B1124N	LOT B1124H
<b>DYMIND</b>  DP-H10 Vet (Technical File Version A1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>1.90</b> $\pm 0.80$	<b>7.41</b> $\pm 2.00$	<b>20.06</b> $\pm 4.50$
	Lym%	%	58.9 $\pm 10.0$	31.3 $\pm 8.0$	15.6 $\pm 8.0$
	Gran%	%	29.1 $\pm 12.0$	62.1 $\pm 8.0$	79.9 $\pm 8.0$
	Mid%	%	12.0 $\pm 10.0$	6.6 $\pm 5.0$	4.5 $\pm 4.0$
	Lym#	$\times 10^9/L$	1.12 $\pm 0.60$	2.32 $\pm 1.00$	3.14 $\pm 2.00$
	Gran#	$\times 10^9/L$	0.55 $\pm 0.50$	4.60 $\pm 1.80$	16.02 $\pm 5.00$
	Mid#	$\times 10^9/L$	0.23 $\pm 0.23$	0.49 $\pm 0.49$	0.90 $\pm 0.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.37</b> $\pm 0.50$	<b>4.64</b> $\pm 1.20$	<b>5.69</b> $\pm 1.20$
	<b>HGB</b>	g/L	<b>66</b> $\pm 15$	<b>138</b> $\pm 30$	<b>188</b> $\pm 40$
	HCT	%	19.6 $\pm 5.0$	42.8 $\pm 10.0$	57.7 $\pm 15.0$
	<b>MCV</b>	fL	<b>82.4</b> $\pm 12.0$	<b>92.3</b> $\pm 8.0$	<b>101.4</b> $\pm 8.0$
	MCH	pg	27.9 $\pm 3.0$	30.9 $\pm 3.0$	35.5 $\pm 3.0$
	MCHC	g/L	361 $\pm 45$	356 $\pm 45$	374 $\pm 45$
	RDW-CV	%	15.6 $\pm 3.0$	15.1 $\pm 3.0$	14.4 $\pm 3.0$
	RDW-SD	fL	34.3 $\pm 8.0$	37.4 $\pm 8.0$	38.7 $\pm 8.0$
	<b>PLT</b>	$\times 10^9/L$	<b>76</b> $\pm 40$	<b>269</b> $\pm 80$	<b>456</b> $\pm 120$
	MPV	fL	8.5 $\pm 4.0$	9.1 $\pm 3.0$	9.3 $\pm 3.0$
	PDW	fL	7.1 $\pm 7.1$	7.8 $\pm 3.0$	7.6 $\pm 3.0$
PCT	%	0.064 $\pm 0.064$	0.246 $\pm 0.246$	0.423 $\pm 0.400$	

**【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,DF53, DF50 Vet and DF52 Vet Instruments.



B1124L



B1124N



B1124H