



	文件类型	技术文件	文件版本	V9.3.0	
	项目代号	/	页 码	第 0 页 共 7 页	
	文件编号	GL DM-56-02-en			
文件名称： <p style="text-align: center;"><b>CALIBRATOR NK0323 2023-04-10</b></p> 适用范围：公司所有五分类仪器					
编制：		审核：		批准：	
日期：		日期：		日期：	
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
V9.3.0	/	新建	黄江妮	郑剑通	2023.02.24
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-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK0323

 **2023-02-10**
 **2023-04-10**

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.15
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	133
	MCV	fL	89.2
	PLT	$\times 10^9/L$	253
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11)	WBC	$\times 10^9/L$	9.86
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	133
	MCV	fL	85.3
	PLT	$\times 10^9/L$	253
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.12 or higher)	WBC	$\times 10^9/L$	10.06
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	84.7
	PLT	$\times 10^9/L$	249
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.46
	RBC	$\times 10^{12}/L$	4.65
	HGB	g/L	137
	MCV	fL	89.5
	PLT	$\times 10^9/L$	259

**【NOTE】**

- The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
- Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
- Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**

<b>CALIBRATOR</b>
-------------------

LOT NK0323
------------

2023-02-10
------------

2023-04-10
------------

Applicable Instruments	Parameter	Unit	Reference Value
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.22
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	135
	MCV	fL	86.3
	PLT	$\times 10^9/L$	249
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.30
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	135
	MCV	fL	85.7
	PLT	$\times 10^9/L$	253
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	134
	MCV	fL	89.7
	PLT	$\times 10^9/L$	250
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	$\times 10^9/L$	9.05
	RBC	$\times 10^{12}/L$	4.70
	HGB	g/L	135
	MCV	fL	86.8
	PLT	$\times 10^9/L$	264

**【NOTE】**


1. The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.


# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**

LOT NK0323

 2023-02-10

 2023-04-10

Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	8.94
	RBC	$\times 10^{12}/L$	4.74
	HGB	g/L	136
	MCV	fL	86.3
	PLT	$\times 10^9/L$	258
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.01
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	134
	MCV	fL	84.9
	PLT	$\times 10^9/L$	253
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.23
	RBC	$\times 10^{12}/L$	4.68
	HGB	g/L	136
	MCV	fL	84.9
	PLT	$\times 10^9/L$	258
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.26
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	136
	MCV	fL	88.5
	PLT	$\times 10^9/L$	253



**【NOTE】**

- The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
- Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
- Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK0323

 **2023-02-10**
 **2023-04-10**

Applicable Instruments	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.31
	RBC	$\times 10^{12}/L$	4.72
	HGB	g/L	135
	MCV	fL	86.4
	PLT	$\times 10^9/L$	254
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.32
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	135
	MCV	fL	85.4
	PLT	$\times 10^9/L$	256
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.15
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	135
	MCV	fL	89.1
	PLT	$\times 10^9/L$	262
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.19
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	135
	MCV	fL	86.1
	PLT	$\times 10^9/L$	262



**【NOTE】**

1. The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK0323

 **2023-02-10**
 **2023-04-10**

Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	9.59
	RBC	$\times 10^{12}/L$	4.57
	HGB	g/L	134
	MCV	fL	87.0
	PLT	$\times 10^9/L$	255
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.23
	RBC	$\times 10^{12}/L$	4.57
	HGB	g/L	135
	MCV	fL	84.7
	PLT	$\times 10^9/L$	249
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.61
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	135
	MCV	fL	85.4
	PLT	$\times 10^9/L$	257
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	8.89
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	135
	MCV	fL	88.5
	PLT	$\times 10^9/L$	261



**【NOTE】**

1. The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK0323

 **2023-02-10**
 **2023-04-10**

Applicable Instruments	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	8.83
	RBC	$\times 10^{12}/L$	4.50
	HGB	g/L	132
	MCV	fL	88.1
	PLT	$\times 10^9/L$	250
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.41
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	134
	MCV	fL	85.1
	PLT	$\times 10^9/L$	257
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.47
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	133
	MCV	fL	84.7
	PLT	$\times 10^9/L$	257
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	8.90
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	135
	MCV	fL	85.2
	PLT	$\times 10^9/L$	265


**【NOTE】**


1. The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK0323

 2023-02-10

 2023-04-10

Applicable Instruments	Parameter	Unit	Reference Value
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.23
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	134
	MCV	fL	85.7
	PLT	$\times 10^9/L$	243

**【NOTE】**

1. The calibrator should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the calibrator after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Calibrator must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.