	文件类型	技术文件	文件版本	V10.9.0	
	项目代号	/	页码	第0页 共6页	
	文件编号	GL DM-56-02-en			
文件名称： <p style="text-align: center;"><b>CALIBRATOR NK0924 2024-10-10</b></p> 适用范围： 公司所有五分类仪器					
编制：郭罕星 日期：2024.08.28		审核：刘金盈 日期：2024.08.28		批准：郑剑通 日期：2024.08.28	
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
V10.9.0	/	新建	郭罕星	郑剑通	2024.08.28
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 NK0924

M 2024-08-12

H 2024-10-10



Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.42
	RBC	$\times 10^{12}/L$	4.29
	HGB	g/L	128
	MCV	fL	92.5
	PLT	$\times 10^9/L$	240
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.35
	RBC	$\times 10^{12}/L$	4.37
	HGB	g/L	128
	MCV	fL	87.2
	PLT	$\times 10^9/L$	234
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.54
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	129
	MCV	fL	88.5
	PLT	$\times 10^9/L$	241
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.82
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	131
	MCV	fL	87.9
	PLT	$\times 10^9/L$	231

**【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**
 **NK0924**
 **2024-08-12**
 **2024-10-10**

Applicable Instruments	Parameter	Unit	Reference Value
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	132
	MCV	fL	92.8
	PLT	$\times 10^9/L$	242
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.16
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	129
	MCV	fL	90.8
	PLT	$\times 10^9/L$	244
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.37
	RBC	$\times 10^{12}/L$	4.50
	HGB	g/L	129
	MCV	fL	87.8
	PLT	$\times 10^9/L$	240
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.34
	RBC	$\times 10^{12}/L$	4.35
	HGB	g/L	128
	MCV	fL	87.9
	PLT	$\times 10^9/L$	235


**【NOTE】**


1. The calibrator should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 7 days when it is stored airtight at 2℃~8℃.
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℃~30℃).
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**
 NK0924

 2024-08-12

 2024-10-10

Applicable Instruments	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.40
	RBC	$\times 10^{12}/L$	4.26
	HGB	g/L	130
	MCV	fL	90.7
	PLT	$\times 10^9/L$	228
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.67
	RBC	$\times 10^{12}/L$	4.44
	HGB	g/L	128
	MCV	fL	87.9
	PLT	$\times 10^9/L$	232
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.84
	RBC	$\times 10^{12}/L$	4.43
	HGB	g/L	130
	MCV	fL	87.1
	PLT	$\times 10^9/L$	228


**【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 NK0924

 2024-08-12

 2024-10-10

Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.53
	RBC	$\times 10^{12}/L$	4.36
	HGB	g/L	129
	MCV	fL	88.4
	PLT	$\times 10^9/L$	236
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	10.14
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	129
	MCV	fL	87.2
	PLT	$\times 10^9/L$	235
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.48
	RBC	$\times 10^{12}/L$	4.34
	HGB	g/L	130
	MCV	fL	87.9
	PLT	$\times 10^9/L$	237
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.97
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	131
	MCV	fL	87.9
	PLT	$\times 10^9/L$	242


**【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 NK0924

 2024-08-12

 2024-10-10

Applicable Instruments	Parameter	Unit	Reference Value
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.10
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	130
	MCV	fL	89.2
	PLT	$\times 10^9/L$	241
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.91
	RBC	$\times 10^{12}/L$	4.40
	HGB	g/L	129
	MCV	fL	87.8
	PLT	$\times 10^9/L$	245
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.88
	RBC	$\times 10^{12}/L$	4.36
	HGB	g/L	128
	MCV	fL	87.3
	PLT	$\times 10^9/L$	240


**【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 NK0924

 2024-08-12

 2024-10-10

Applicable Instruments	Parameter	Unit	Reference Value
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.47
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	130
	MCV	fL	87.3
	PLT	$\times 10^9/L$	235
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.47
	RBC	$\times 10^{12}/L$	4.36
	HGB	g/L	129
	MCV	fL	88.1
	PLT	$\times 10^9/L$	228
DM60 Vet, DM61 Vet DM62 Vet, DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	8.62
	RBC	$\times 10^{12}/L$	4.26
	HGB	g/L	128
	MCV	fL	86.9
	PLT	$\times 10^9/L$	233

**【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.