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文件名称： <p style="text-align: center;"><b>CALIBRATOR NK1023 2023-11-10</b></p> 适用范围：公司所有五分类仪器					
编制：刘嘉 日期：2023.09.25		审核：刘金盈 日期：2023.09.25		批准：郑剑通 日期：2023.09.25	
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由试剂研发					

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK1023

 **2023-09-12**
 **2023-11-10**

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.41
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	131
	MCV	fL	89.9
	PLT	$\times 10^9/L$	248
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.57
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	132
	MCV	fL	85.3
	PLT	$\times 10^9/L$	249
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.54
	RBC	$\times 10^{12}/L$	4.45
	HGB	g/L	133
	MCV	fL	87.0
	PLT	$\times 10^9/L$	245
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.72
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	134
	MCV	fL	85.9
	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.

# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK1023

 **2023-09-12**
 **2023-11-10**

Applicable Instruments	Parameter	Unit	Reference Value
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.56
	HGB	g/L	136
	MCV	fL	91.5
	PLT	$\times 10^9/L$	243
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	$\times 10^9/L$	9.21
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	132
	MCV	fL	84.0
	PLT	$\times 10^9/L$	248
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.22
	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	132
	MCV	fL	87.7
	PLT	$\times 10^9/L$	250
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.40
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	133
	MCV	fL	85.9
	PLT	$\times 10^9/L$	254



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# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK1023

 **2023-09-12**
 **2023-11-10**

Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.49
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	134
	MCV	fL	85.0
	PLT	$\times 10^9/L$	252
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.64
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	133
	MCV	fL	90.0
	PLT	$\times 10^9/L$	247
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.91
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	134
	MCV	fL	86.5
	PLT	$\times 10^9/L$	244
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.83
	RBC	$\times 10^{12}/L$	4.56
	HGB	g/L	134
	MCV	fL	86.3
	PLT	$\times 10^9/L$	249

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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.
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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**

<b>CALIBRATOR</b>
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LOT NK1023
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2023-09-12
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2023-11-10
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Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.49
	RBC	$\times 10^{12}/L$	4.57
	HGB	g/L	132
	MCV	fL	91.9
	PLT	$\times 10^9/L$	253
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.53
	RBC	$\times 10^{12}/L$	4.48
	HGB	g/L	133
	MCV	fL	86.3
	PLT	$\times 10^9/L$	250
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	10.07
	RBC	$\times 10^{12}/L$	4.54
	HGB	g/L	134
	MCV	fL	87.6
	PLT	$\times 10^9/L$	247
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.68
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	133
	MCV	fL	85.9
	PLT	$\times 10^9/L$	247



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# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 **LOT** NK1023

 **2023-09-12**
 **2023-11-10**

Applicable Instruments	Parameter	Unit	Reference Value
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	10.00
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	86.0
	PLT	$\times 10^9/L$	251
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.31
	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	132
	MCV	fL	89.9
	PLT	$\times 10^9/L$	251
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.24
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	131
	MCV	fL	89.8
	PLT	$\times 10^9/L$	250
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.77
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	132
	MCV	fL	85.6
	PLT	$\times 10^9/L$	253



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**CALIBRATOR**
 **LOT** NK1023

 **2023-09-12**
 **2023-11-10**

Applicable Instruments	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.94
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	132
	MCV	fL	85.9
	PLT	$\times 10^9/L$	251
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.28
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	84.8
	PLT	$\times 10^9/L$	257
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.57
	RBC	$\times 10^{12}/L$	4.58
	HGB	g/L	133
	MCV	fL	85.7
	PLT	$\times 10^9/L$	239
DM60 Vet, DM61 Vet DM62 Vet, DM63 Vet (Technical File Version A1.1 or higher)	WBC	$\times 10^9/L$	8.85
	RBC	$\times 10^{12}/L$	4.58
	HGB	g/L	133
	MCV	fL	83.6
	PLT	$\times 10^9/L$	260

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