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文件名称： <p style="text-align: center;"><b>CALIBRATOR NK0823 2023-09-10</b></p> 适用范围：公司所有五分类仪器						
编制：刘嘉 日期：2023.07.25		审核：刘金盈 日期：2023.07.25		批准：郑剑通 日期：2023.07.25		
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由试剂研发						


# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

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

LOT NK0823

 2023-07-13

 2023-09-10

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.54
	RBC	$\times 10^{12}/L$	4.48
	HGB	g/L	133
	MCV	fL	90.5
	PLT	$\times 10^9/L$	254
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.65
	RBC	$\times 10^{12}/L$	4.56
	HGB	g/L	134
	MCV	fL	85.6
	PLT	$\times 10^9/L$	254
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.98
	RBC	$\times 10^{12}/L$	4.71
	HGB	g/L	137
	MCV	fL	90.4
	PLT	$\times 10^9/L$	250
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.59
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	134
	MCV	fL	87.4
	PLT	$\times 10^9/L$	255



**【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** NK0823

 **2023-07-13**
 **2023-09-10**

Applicable Instruments	Parameter	Unit	Reference Value
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher )	WBC	$\times 10^9/L$	9.84
	RBC	$\times 10^{12}/L$	4.60
	HGB	g/L	136
	MCV	fL	87.2
	PLT	$\times 10^9/L$	249
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	136
	MCV	fL	91.9
	PLT	$\times 10^9/L$	248
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	$\times 10^9/L$	9.29
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	87.9
	PLT	$\times 10^9/L$	253
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.20
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	134
	MCV	fL	87.8
	PLT	$\times 10^9/L$	254

**【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.
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## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
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LOT NK0823

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 2023-09-10

Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.36
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	135
	MCV	fL	86.0
	PLT	$\times 10^9/L$	253
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.55
	RBC	$\times 10^{12}/L$	4.69
	HGB	g/L	137
	MCV	fL	85.7
	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	$\times 10^9/L$	9.76
	RBC	$\times 10^{12}/L$	4.43
	HGB	g/L	135
	MCV	fL	90.0
	PLT	$\times 10^9/L$	237
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.69
	RBC	$\times 10^{12}/L$	4.62
	HGB	g/L	135
	MCV	fL	87.6
	PLT	$\times 10^9/L$	247

**【NOTE】**


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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).
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# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

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

LOT NK0823

 2023-07-13

 2023-09-10

Applicable Instruments	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.84
	RBC	$\times 10^{12}/L$	4.62
	HGB	g/L	136
	MCV	fL	86.6
	PLT	$\times 10^9/L$	253
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.54
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	91.6
	PLT	$\times 10^9/L$	257
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.67
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	134
	MCV	fL	87.0
	PLT	$\times 10^9/L$	257
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	10.12
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	135
	MCV	fL	87.9
	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.

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## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 NK0823

 2023-07-13

 2023-09-10

Applicable Instruments	Parameter	Unit	Reference Value
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.65
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	135
	MCV	fL	85.8
	PLT	$\times 10^9/L$	251
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.99
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	136
	MCV	fL	86.8
	PLT	$\times 10^9/L$	255
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.29
	RBC	$\times 10^{12}/L$	4.70
	HGB	g/L	135
	MCV	fL	90.3
	PLT	$\times 10^9/L$	257
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.23
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	132
	MCV	fL	89.2
	PLT	$\times 10^9/L$	252

**【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).
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## HEMATOLOGY CALIBRATOR

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

LOT NK0823

 2023-07-13

 2023-09-10

Applicable Instruments	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.84
	RBC	$\times 10^{12}/L$	4.56
	HGB	g/L	134
	MCV	fL	86.3
	PLT	$\times 10^9/L$	257
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.93
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	133
	MCV	fL	86.3
	PLT	$\times 10^9/L$	252
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.42
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	135
	MCV	fL	86.3
	PLT	$\times 10^9/L$	257
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.60
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	134
	MCV	fL	86.1
	PLT	$\times 10^9/L$	242

**【NOTE】**

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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.


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## HEMATOLOGY CALIBRATOR

Reference Values provided by DYMIND

**CALIBRATOR**

 **LOT** NK0823

 **2023-07-13**

 **2023-09-10**

Applicable Instruments	Parameter	Unit	Reference Value
DM60 Vet, DM61 Vet DM62 Vet, DM63 Vet (Technical File Version A1.1 or higher)	WBC	$\times 10^9/L$	8.79
	RBC	$\times 10^{12}/L$	4.68
	HGB	g/L	134
	MCV	fL	84.4
	PLT	$\times 10^9/L$	264

**【NOTE】**

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