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文件名称： <p style="text-align: center;">CALIBRATOR NK0124 2024-02-10</p> 适用范围：公司所有五分类仪器					
编制：刘嘉 日期：2023.12.29		审核：刘金盈 日期：2023.12.29		批准：郑剑通 日期：2023.12.29	
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由试剂研发					

DM-CAL PLUS

HEMATOLOGY CALIBRATOR

Reference Values provided by DYMIND
CALIBRATOR
 LOT NK0124

 2023-12-13

 2024-02-10

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.39
	RBC	$\times 10^{12}/L$	4.26
	HGB	g/L	129
	MCV	fL	93.0
	PLT	$\times 10^9/L$	253
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.41
	RBC	$\times 10^{12}/L$	4.34
	HGB	g/L	130
	MCV	fL	87.1
	PLT	$\times 10^9/L$	255
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.33
	RBC	$\times 10^{12}/L$	4.29
	HGB	g/L	131
	MCV	fL	88.9
	PLT	$\times 10^9/L$	247
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.61
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	131
	MCV	fL	87.8
	PLT	$\times 10^9/L$	249


【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.

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CALIBRATOR
 **LOT** NK0124

 2023-12-13

 2024-02-10

Applicable Instruments	Parameter	Unit	Reference Value
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.40
	HGB	g/L	134
	MCV	fL	93.5
	PLT	$\times 10^9/L$	251
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	$\times 10^9/L$	9.19
	RBC	$\times 10^{12}/L$	4.44
	HGB	g/L	131
	MCV	fL	90.9
	PLT	$\times 10^9/L$	258
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.07
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	130
	MCV	fL	89.9
	PLT	$\times 10^9/L$	257
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.25
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	131
	MCV	fL	87.9
	PLT	$\times 10^9/L$	251

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CALIBRATOR

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Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.27
	RBC	$\times 10^{12}/L$	4.48
	HGB	g/L	133
	MCV	fL	88.0
	PLT	$\times 10^9/L$	254
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.42
	RBC	$\times 10^{12}/L$	4.39
	HGB	g/L	132
	MCV	fL	91.5
	PLT	$\times 10^9/L$	249
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.62
	RBC	$\times 10^{12}/L$	4.43
	HGB	g/L	132
	MCV	fL	88.4
	PLT	$\times 10^9/L$	249
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.59
	RBC	$\times 10^{12}/L$	4.32
	HGB	g/L	132
	MCV	fL	88.4
	PLT	$\times 10^9/L$	251


【NOTE】


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- 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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 NK0124

 2023-12-13

 2024-02-10

Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.38
	RBC	$\times 10^{12}/L$	4.39
	HGB	g/L	130
	MCV	fL	94.4
	PLT	$\times 10^9/L$	254
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.35
	RBC	$\times 10^{12}/L$	4.31
	HGB	g/L	130
	MCV	fL	88.4
	PLT	$\times 10^9/L$	256
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	9.90
	RBC	$\times 10^{12}/L$	4.37
	HGB	g/L	131
	MCV	fL	88.5
	PLT	$\times 10^9/L$	243
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.37
	RBC	$\times 10^{12}/L$	4.30
	HGB	g/L	131
	MCV	fL	88.0
	PLT	$\times 10^9/L$	248


【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.
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4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

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 2023-12-13

 2024-02-10

Applicable Instruments	Parameter	Unit	Reference Value
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.82
	RBC	$\times 10^{12}/L$	4.45
	HGB	g/L	132
	MCV	fL	88.8
	PLT	$\times 10^9/L$	258
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.04
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	130
	MCV	fL	91.2
	PLT	$\times 10^9/L$	259
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.12
	RBC	$\times 10^{12}/L$	4.32
	HGB	g/L	128
	MCV	fL	92.0
	PLT	$\times 10^9/L$	251
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.78
	RBC	$\times 10^{12}/L$	4.39
	HGB	g/L	130
	MCV	fL	87.9
	PLT	$\times 10^9/L$	261


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4. After using, put the calibrator back into the refrigerator to prevent contamination and evaporation.

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Reference Values provided by DYMIND
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 NK0124

 2023-12-13

 2024-02-10

Applicable Instruments	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.90
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	130
	MCV	fL	88.1
	PLT	$\times 10^9/L$	256
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.30
	RBC	$\times 10^{12}/L$	4.44
	HGB	g/L	132
	MCV	fL	87.6
	PLT	$\times 10^9/L$	250
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.31
	RBC	$\times 10^{12}/L$	4.38
	HGB	g/L	130
	MCV	fL	88.1
	PLT	$\times 10^9/L$	243
DM60 Vet, DM61 Vet DM62 Vet, DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	8.75
	RBC	$\times 10^{12}/L$	4.39
	HGB	g/L	129
	MCV	fL	87.2
	PLT	$\times 10^9/L$	255

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