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文件名称： <p style="text-align: center;">CALIBRATOR NK0723 2023-08-10</p> 适用范围：公司所有五分类仪器						
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由试剂研发						


DM-CAL PLUS

HEMATOLOGY CALIBRATOR

Reference Values provided by DYMIND
CALIBRATOR

LOT NK0723

 2023-06-12

 2023-08-10

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.31
	RBC	$\times 10^{12}/L$	4.47
	HGB	g/L	134
	MCV	fL	90.9
	PLT	$\times 10^9/L$	267
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.35
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	134
	MCV	fL	86.1
	PLT	$\times 10^9/L$	266
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.76
	RBC	$\times 10^{12}/L$	4.72
	HGB	g/L	138
	MCV	fL	90.5
	PLT	$\times 10^9/L$	261
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.36
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	135
	MCV	fL	87.7
	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.


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LOT NK0723

 2023-06-12

 2023-08-10

Applicable Instruments	Parameter	Unit	Reference Value
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.69
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	137
	MCV	fL	87.5
	PLT	$\times 10^9/L$	261
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.65
	HGB	g/L	137
	MCV	fL	92.1
	PLT	$\times 10^9/L$	259
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	$\times 10^9/L$	9.08
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	135
	MCV	fL	88.4
	PLT	$\times 10^9/L$	265
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.02
	RBC	$\times 10^{12}/L$	4.68
	HGB	g/L	135
	MCV	fL	88.2
	PLT	$\times 10^9/L$	269

【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

LOT	NK0723
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M	2023-06-12
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H	2023-08-10
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Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.17
	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	136
	MCV	fL	86.5
	PLT	$\times 10^9/L$	264
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.35
	RBC	$\times 10^{12}/L$	4.71
	HGB	g/L	138
	MCV	fL	86.3
	PLT	$\times 10^9/L$	269
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.58
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	136
	MCV	fL	90.2
	PLT	$\times 10^9/L$	245
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.50
	RBC	$\times 10^{12}/L$	4.60
	HGB	g/L	136
	MCV	fL	87.9
	PLT	$\times 10^9/L$	256

【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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Applicable Instruments	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.61
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	137
	MCV	fL	87.1
	PLT	$\times 10^9/L$	268
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.34
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	135
	MCV	fL	92.0
	PLT	$\times 10^9/L$	269
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.40
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	135
	MCV	fL	87.5
	PLT	$\times 10^9/L$	270
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	9.91
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	136
	MCV	fL	88.3
	PLT	$\times 10^9/L$	264

【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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Applicable Instruments	Parameter	Unit	Reference Value
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.52
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	136
	MCV	fL	86.4
	PLT	$\times 10^9/L$	260
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.77
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	137
	MCV	fL	87.3
	PLT	$\times 10^9/L$	267
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.14
	RBC	$\times 10^{12}/L$	4.69
	HGB	g/L	136
	MCV	fL	90.6
	PLT	$\times 10^9/L$	267
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.07
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	133
	MCV	fL	89.8
	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.


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 2023-06-12

 2023-08-10

Applicable Instruments	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.67
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	135
	MCV	fL	86.7
	PLT	$\times 10^9/L$	269
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.67
	RBC	$\times 10^{12}/L$	4.54
	HGB	g/L	135
	MCV	fL	86.8
	PLT	$\times 10^9/L$	264
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.20
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	136
	MCV	fL	86.8
	PLT	$\times 10^9/L$	268
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.33
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	136
	MCV	fL	87.0
	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.