

DM-CAL PLUS

HEMATOLOGY CALIBRATOR

Reference Values provided by DYMIND
CALIBRATOR
LOT NK0424

M 2024-03-12

H 2024-05-10

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.28
	RBC	$\times 10^{12}/L$	4.35
	HGB	g/L	133
	MCV	fL	94.4
	PLT	$\times 10^9/L$	241
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11 or higher)	WBC	$\times 10^9/L$	10.33
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	133
	MCV	fL	89.6
	PLT	$\times 10^9/L$	243
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.32
	RBC	$\times 10^{12}/L$	4.37
	HGB	g/L	134
	MCV	fL	91.5
	PLT	$\times 10^9/L$	237
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.40
	RBC	$\times 10^{12}/L$	4.50
	HGB	g/L	136
	MCV	fL	90.6
	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.

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Applicable Instruments	Parameter	Unit	Reference Value
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.57
	HGB	g/L	137
	MCV	fL	95.5
	PLT	$\times 10^9/L$	244
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	8.97
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	134
	MCV	fL	92.2
	PLT	$\times 10^9/L$	245
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.18
	RBC	$\times 10^{12}/L$	4.54
	HGB	g/L	135
	MCV	fL	90.4
	PLT	$\times 10^9/L$	242
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.31
	RBC	$\times 10^{12}/L$	4.46
	HGB	g/L	136
	MCV	fL	90.7
	PLT	$\times 10^9/L$	245

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DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.24
	RBC	$\times 10^{12}/L$	4.27
	HGB	g/L	135
	MCV	fL	93.3
	PLT	$\times 10^9/L$	231
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.59
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	134
	MCV	fL	90.7
	PLT	$\times 10^9/L$	244
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.73
	RBC	$\times 10^{12}/L$	4.50
	HGB	g/L	136
	MCV	fL	90.2
	PLT	$\times 10^9/L$	245
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.32
	RBC	$\times 10^{12}/L$	4.46
	HGB	g/L	135
	MCV	fL	96.5
	PLT	$\times 10^9/L$	248

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Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.42
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	134
	MCV	fL	90.9
	PLT	$\times 10^9/L$	244
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	9.94
	RBC	$\times 10^{12}/L$	4.45
	HGB	g/L	135
	MCV	fL	90.5
	PLT	$\times 10^9/L$	238
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.45
	RBC	$\times 10^{12}/L$	4.43
	HGB	g/L	134
	MCV	fL	90.2
	PLT	$\times 10^9/L$	243
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.79
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	135
	MCV	fL	90.7
	PLT	$\times 10^9/L$	245

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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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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	$\times 10^9/L$	8.99
	RBC	$\times 10^{12}/L$	4.58
	HGB	g/L	134
	MCV	fL	93.3
	PLT	$\times 10^9/L$	246
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.06
	RBC	$\times 10^{12}/L$	4.40
	HGB	g/L	132
	MCV	fL	93.5
	PLT	$\times 10^9/L$	241
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.73
	RBC	$\times 10^{12}/L$	4.45
	HGB	g/L	134
	MCV	fL	90.2
	PLT	$\times 10^9/L$	251
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.78
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	135
	MCV	fL	90.1
	PLT	$\times 10^9/L$	245

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Applicable Instruments	Parameter	Unit	Reference Value
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.27
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	135
	MCV	fL	90.1
	PLT	$\times 10^9/L$	240
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.44
	RBC	$\times 10^{12}/L$	4.44
	HGB	g/L	134
	MCV	fL	89.9
	PLT	$\times 10^9/L$	233
DM60 Vet, DM61 Vet DM62 Vet, DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	8.62
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	134
	MCV	fL	90.0
	PLT	$\times 10^9/L$	248

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