



# DM-CAL PLUS

## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**
**CALIBRATOR**
 NK1222

 2022-11-13

 2023-01-10

Applicable Instruments	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.32
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	138
	MCV	fL	90.1
	PLT	$\times 10^9/L$	255
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11)	WBC	$\times 10^9/L$	9.81
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	137
	MCV	fL	86.2
	PLT	$\times 10^9/L$	258
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.12 or higher)	WBC	$\times 10^9/L$	10.20
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	139
	MCV	fL	85.8
	PLT	$\times 10^9/L$	265
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.61
	RBC	$\times 10^{12}/L$	4.62
	HGB	g/L	142
	MCV	fL	89.5
	PLT	$\times 10^9/L$	259

**【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
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2 )	WBC	$\times 10^9/L$	9.29
	RBC	$\times 10^{12}/L$	4.45
	HGB	g/L	139
	MCV	fL	86.7
	PLT	$\times 10^9/L$	256
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher )	WBC	$\times 10^9/L$	9.62
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	140
	MCV	fL	87.3
	PLT	$\times 10^9/L$	257
DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	139
	MCV	fL	91.1
	PLT	$\times 10^9/L$	254
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	$\times 10^9/L$	8.93
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	136
	MCV	fL	86.6
	PLT	$\times 10^9/L$	267



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Applicable Instruments	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	8.93
	RBC	$\times 10^{12}/L$	4.63
	HGB	g/L	137
	MCV	fL	88.3
	PLT	$\times 10^9/L$	263
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.20
	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	138
	MCV	fL	85.2
	PLT	$\times 10^9/L$	259
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.50
	RBC	$\times 10^{12}/L$	4.71
	HGB	g/L	141
	MCV	fL	86.0
	PLT	$\times 10^9/L$	263
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.13
	RBC	$\times 10^{12}/L$	4.66
	HGB	g/L	141
	MCV	fL	91.1
	PLT	$\times 10^9/L$	260

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Applicable Instruments	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.35
	RBC	$\times 10^{12}/L$	4.73
	HGB	g/L	139
	MCV	fL	87.8
	PLT	$\times 10^9/L$	263
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.32
	RBC	$\times 10^{12}/L$	4.50
	HGB	g/L	140
	MCV	fL	86.5
	PLT	$\times 10^9/L$	259
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.25
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	140
	MCV	fL	89.2
	PLT	$\times 10^9/L$	263
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.22
	RBC	$\times 10^{12}/L$	4.54
	HGB	g/L	139
	MCV	fL	87.3
	PLT	$\times 10^9/L$	275


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Applicable Instruments	Parameter	Unit	Reference Value
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	9.74
	RBC	$\times 10^{12}/L$	4.58
	HGB	g/L	138
	MCV	fL	86.1
	PLT	$\times 10^9/L$	262
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.25
	RBC	$\times 10^{12}/L$	4.56
	HGB	g/L	139
	MCV	fL	85.7
	PLT	$\times 10^9/L$	262
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.39
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	140
	MCV	fL	86.5
	PLT	$\times 10^9/L$	270
DF50 Vet, DF52 Vet DF55 Vet, DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	9.02
	RBC	$\times 10^{12}/L$	4.68
	HGB	g/L	141
	MCV	fL	87.5
	PLT	$\times 10^9/L$	268

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DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	8.83
	RBC	$\times 10^{12}/L$	4.46
	HGB	g/L	136
	MCV	fL	87.8
	PLT	$\times 10^9/L$	259
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.33
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	138
	MCV	fL	86.1
	PLT	$\times 10^9/L$	264
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.54
	RBC	$\times 10^{12}/L$	4.57
	HGB	g/L	137
	MCV	fL	85.5
	PLT	$\times 10^9/L$	274
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.14
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	140
	MCV	fL	85.5
	PLT	$\times 10^9/L$	270

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Applicable Instruments	Parameter	Unit	Reference Value
UN71 Vet, UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.40
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	139
	MCV	fL	87.0
	PLT	$\times 10^9/L$	251

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