


# DM-CAL PLUS


## HEMATOLOGY CALIBRATOR

**Reference Values provided by DYMIND**

<b>CALIBRATOR</b>
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LOT	NK0322
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 2022-02-10
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 2022-04-10
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Applicable Instrument	Parameter	Unit	Reference Value
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.36
	RBC	$\times 10^{12}/L$	4.41
	HGB	g/L	135
	MCV	fL	92.9
	PLT	$\times 10^9/L$	254
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.11)	WBC	$\times 10^9/L$	9.96
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	135
	MCV	fL	87.6
	PLT	$\times 10^9/L$	252
D1-CRP, D3-CRP, D5-CRP DH51CRP, DH53CRP, DH56CRP (Technical File Version A11.12 or higher)	WBC	$\times 10^9/L$	10.34
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	136
	MCV	fL	87.7
	PLT	$\times 10^9/L$	257
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.67
	RBC	$\times 10^{12}/L$	4.52
	HGB	g/L	138
	MCV	fL	93.7
	PLT	$\times 10^9/L$	255

**【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.


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Applicable Instrument	Parameter	Unit	Reference Value
UN71, UN73, UN76, DH73 (Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	9.51
	RBC	$\times 10^{12}/L$	4.42
	HGB	g/L	137
	MCV	fL	89.3
	PLT	$\times 10^9/L$	247
UN71, UN73, UN76, DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	9.56
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	138
	MCV	fL	88.8
	PLT	$\times 10^9/L$	252
DH73Vet (Technical File Version B5.5 or higher)	WBC	$\times 10^9/L$	/
	RBC	$\times 10^{12}/L$	4.58
	HGB	g/L	138
	MCV	fL	93.7
	PLT	$\times 10^9/L$	255
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	$\times 10^9/L$	9.13
	RBC	$\times 10^{12}/L$	4.61
	HGB	g/L	136
	MCV	fL	90.1
	PLT	$\times 10^9/L$	261

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Applicable Instrument	Parameter	Unit	Reference Value
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	9.11
	RBC	$\times 10^{12}/L$	4.64
	HGB	g/L	136
	MCV	fL	91.2
	PLT	$\times 10^9/L$	258
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	9.28
	RBC	$\times 10^{12}/L$	4.62
	HGB	g/L	136
	MCV	fL	89.0
	PLT	$\times 10^9/L$	251
DF50, DF51, DF52 DF53, DF55, DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	9.35
	RBC	$\times 10^{12}/L$	4.68
	HGB	g/L	139
	MCV	fL	87.7
	PLT	$\times 10^9/L$	261
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.29
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	136
	MCV	fL	95.1
	PLT	$\times 10^9/L$	261

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Applicable Instrument	Parameter	Unit	Reference Value
DH71, DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	8.58
	RBC	$\times 10^{12}/L$	4.67
	HGB	g/L	137
	MCV	fL	88.7
	PLT	$\times 10^9/L$	259
DH71, DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	9.62
	RBC	$\times 10^{12}/L$	4.53
	HGB	g/L	137
	MCV	fL	87.8
	PLT	$\times 10^9/L$	252
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.26
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	137
	MCV	fL	93.0
	PLT	$\times 10^9/L$	253
D2-CRP, D7-CRP DH71CRP, DH73CRP (Technical File Version A6.0 to A6.5)	WBC	$\times 10^9/L$	9.28
	RBC	$\times 10^{12}/L$	4.46
	HGB	g/L	136
	MCV	fL	89.6
	PLT	$\times 10^9/L$	261

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Applicable Instrument	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	$\times 10^{12}/L$	4.53
	HGB	g/L	137
	MCV	fL	88.0
	PLT	$\times 10^9/L$	255
D6-CRP, DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	9.20
	RBC	$\times 10^{12}/L$	4.49
	HGB	g/L	136
	MCV	fL	88.5
	PLT	$\times 10^9/L$	255
D6-CRP, DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	9.50
	RBC	$\times 10^{12}/L$	4.59
	HGB	g/L	138
	MCV	fL	88.4
	PLT	$\times 10^9/L$	259
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	$\times 10^{12}/L$	4.66
	HGB	g/L	136
	MCV	fL	91.7
	PLT	$\times 10^9/L$	255

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Applicable Instrument	Parameter	Unit	Reference Value
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.15
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	135
	MCV	fL	91.5
	PLT	$\times 10^9/L$	257
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.59
	RBC	$\times 10^{12}/L$	4.51
	HGB	g/L	135
	MCV	fL	88.4
	PLT	$\times 10^9/L$	259
DF1-CRP, DF3-CRP, DF5-CRP DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	9.70
	RBC	$\times 10^{12}/L$	4.54
	HGB	g/L	136
	MCV	fL	88.9
	PLT	$\times 10^9/L$	255
DM71X, DM72X DM78X, DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.23
	RBC	$\times 10^{12}/L$	4.55
	HGB	g/L	138
	MCV	fL	88.9
	PLT	$\times 10^9/L$	260

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