

DM-CAL PLUS

HEMATOLOGY CALIBRATOR

Assay values and ranges provided by DYMIND

CALIBRATOR

LOT NK0521

2021-04-12

2021-06-10

Instrument	Parameter	Unit	Reference Value	Deviation
D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	9.22	± 0.20
	RBC	$\times 10^{12}/L$	4.46	± 0.08
	HGB	g/L	137	± 2
	MCV	fL	93.5	± 2.0
	PLT	$\times 10^9/L$	253	± 12
UN71, UN73, UN76, DH73 (Technical File Version A2.0 to A5.3)	WBC	$\times 10^9/L$	9.61	± 0.20
	RBC	$\times 10^{12}/L$	4.51	± 0.08
	HGB	g/L	142	± 2
	MCV	fL	95.5	± 2.0
	PLT	$\times 10^9/L$	252	± 12
DH73Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	4.54	± 0.08
	HGB	g/L	141	± 2
	MCV	fL	95.5	± 2.0
	PLT	$\times 10^9/L$	249	± 12
DF50, DF51, DF52, DF53, DF55, DF56 (Technical File Version A10.0 to A11.1) DF50 Vet (Technical File Version A2.0 to A7.0)	WBC	$\times 10^9/L$	9.03	± 0.20
	RBC	$\times 10^{12}/L$	4.64	± 0.08
	HGB	g/L	139	± 2
	MCV	fL	91.3	± 2.0
	PLT	$\times 10^9/L$	261	± 12

【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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DF50, DF51, DF52, DF53, DF55, DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	8.93	± 0.20
	RBC	$\times 10^{12}/L$	4.64	± 0.08
	HGB	g/L	140	± 2
	MCV	fL	92.7	± 2.0
	PLT	$\times 10^9/L$	257	± 12
DH71, DH76 (Technical File Version A4.1 to A10.3) DH51, DH53, DH56 (Technical File Version A8.1 or higher)	WBC	$\times 10^9/L$	9.12	± 0.20
	RBC	$\times 10^{12}/L$	4.61	± 0.08
	HGB	g/L	139	± 2
	MCV	fL	97.0	± 2.0
	PLT	$\times 10^9/L$	245	± 12
D2-CRP, D7-CRP, DH71-CRP, DH73-CRP (Technical File Version A3.0 to A5.11)	WBC	$\times 10^9/L$	9.20	± 0.20
	RBC	$\times 10^{12}/L$	4.52	± 0.08
	HGB	g/L	138	± 2
	MCV	fL	95.0	± 2.0
	PLT	$\times 10^9/L$	255	± 12
DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP (Technical File Version A4.0 to A5.7)	WBC	$\times 10^9/L$	9.00	± 0.20
	RBC	$\times 10^{12}/L$	4.59	± 0.08
	HGB	g/L	139	± 2
	MCV	fL	93.1	± 2.0
	PLT	$\times 10^9/L$	257	± 12

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Instrument	Parameter	Unit	Reference Value	Deviation
DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.0)	WBC	$\times 10^9/L$	9.61	± 0.20
	RBC	$\times 10^{12}/L$	4.55	± 0.08
	HGB	g/L	139	± 2
	MCV	fL	89.4	± 2.0
	PLT	$\times 10^9/L$	249	± 12
DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher) Single channel	WBC	$\times 10^9/L$	9.66	± 0.20
	RBC	$\times 10^{12}/L$	4.59	± 0.08
	HGB	g/L	138	± 2
	MCV	fL	90.0	± 2.0
	PLT	$\times 10^9/L$	255	± 12
DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP (Technical File Version A6.1 or higher) Two channel	WBC	$\times 10^9/L$	9.67	± 0.20
	RBC	$\times 10^{12}/L$	4.56	± 0.08
	HGB	g/L	139	± 2
	MCV	fL	89.3	± 2.0
	PLT	$\times 10^9/L$	252	± 12
DM79X, DM78X, DM72X, DM71X, DM79, DM78, DM72, DM71 (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	9.05	± 0.20
	RBC	$\times 10^{12}/L$	4.57	± 0.08
	HGB	g/L	140	± 2
	MCV	fL	89.1	± 2.0
	PLT	$\times 10^9/L$	257	± 12

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