ED-60D

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT EH0123

2023-03-05

Instrument	Parameter		Low	Normal	High
	WBC	$\times 10^9$/L	**3.57** ± 0.50	**8.53** ± 1.00	**19.02** ± 2.50
	NEU#	$\times 10^9$/L	1.83 ± 0.40	4.88 ± 0.66	12.36 ± 2.00
EDAN	NEU%	%	51.3 ± 9.0	57.3 ± 8.0	65.0 ± 9.0
DS-500	LYM#	$\times 10^9$/L	1.34 ± 0.40	2.45 ± 0.66	3.56 ± 1.50
DS-500i	LYM	%	37.4 ± 9.0	28.7 ± 8.0	18.7 ± 9.0
DS-580	MON#	$\times 10^9$/L	0.22 ± 0.14	0.51 ± 0.31	1.09 ± 1.09
DS-580i	MON	%	6.3 ± 4.0	6.0 ± 4.0	5.7 ± 6.0
DS-500C	EOS#	$\times 10^9$/L	0.18 ± 0.16	0.69 ± 0.56	2.01 ± 1.25
	EOS	%	5.0 ± 5.0	8.0 ± 5.0	10.6 ± 8.0
	BAS#	$\times 10^9$/L	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	BAS	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	RBC	$\times 10^{12}$/L	**2.38** ± 0.24	**4.53** ± 0.24	**5.19** ± 0.5
	HGB	g/L	**57** ± 6	**128** ± 6	**162** ± 10
	HCT	%	18.6 ± 3	40.6 ± 3	50.6 ± 5
	MCV	fL	**78.4** ± 5	**89.7** ± 5	**97.6** ± 8
	MCH	pg	24.0 ± 3	28.3 ± 3	31.3 ± 3.5
	MCHC	g/L	306 ± 30	316 ± 30	321 ± 30
	RDW-CV	%	49.7 ± 8	52.6 ± 8	54.0 ± 12
	RDW-SD	fL	16.2 ± 5	14.9 ± 5	14.1 ± 5
	PLT	$\times 10^9$/L	**54** ± 20	**285** ± 40	**596** ± 60
	PDW	%	11.5 ± 3	10.7 ± 3	11.3 ± 3
	MPV	fL	9.1 ± 3	9.1 ± 3	9.4 ± 3
	PCT	%	0.06 ± 0.06	0.26 ± 0.1	0.56 ± 0.3
	PLCR	%	25.53 ± 15	23.37 ± 15	26.40 ± 15
	PLCC	$\times 10^9$/L	20 ± 20	67 ± 30	158 ± 40

【NOTE】

1) The controls should be stored in the refrigerator (2~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2~8℃.
2) Please equilibrate the controls to room temperature (15~30℃) before using it.
3) Controls must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
4) After using, put the controls back into the refrigerator (2~8℃) to prevent contamination and evaporation.

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Instrument	Parameter		Low	Normal	High
	WBC	$\times 10^9$/L	**3.44** ± 0.60	**8.30** ± 1.00	**18.65** ± 2.50
	NEU#	$\times 10^9$/L	1.71 ± 0.60	4.65 ± 0.80	11.82 ± 1.60
EDAN	NEU%	%	49.6 ± 10.0	56.0 ± 9.0	63.5 ± 8.0
H60	LYM#	$\times 10^9$/L	1.3 ± 0.5	2.3 ± 0.8	3.4 ± 1.2
H66	LYM	%	37.2 ± 10.0	28.2 ± 9.0	18.1 ± 8.0
H68	MON#	$\times 10^9$/L	0.22 ± 0.20	0.50 ± 0.50	1.11 ± 1.10
H69	MON	%	6.4 ± 4.0	6.0 ± 5.0	5.9 ± 6.0
H60S	EOS#	$\times 10^9$/L	0.23 ± 0.20	0.80 ± 0.50	2.32 ± 1.30
H66S	EOS	%	6.8 ± 5.0	9.6 ± 6.0	12.4 ± 7.0
H68S	BAS#	$\times 10^9$/L	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.03
H69S	BAS	%	0.1 ± 0.1	0.2 ± 0.2	0.1 ± 0.1
	RBC	$\times 10^{12}$/L	**2.30** ± 0.30	**4.40** ± 0.40	**5.02** ± 0.50
	HGB	g/L	**60** ± 6	**131** ± 6	**163** ± 8
	HCT	%	18.2 ± 2.0	39.8 ± 3.0	49.2 ± 4.0
	MCV	fL	**79.4** ± 5.0	**90.4** ± 5.0	**98.0** ± 6.0
	MCH	pg	26.1 ± 2.5	29.7 ± 2.5	32.6 ± 2.5
	MCHC	g/L	330 ± 30	329 ± 30	332 ± 30
	RDW-CV	%	15.5 ± 3.0	14.5 ± 3.0	13.8 ± 3.0
	RDW-SD	fL	51 ± 10	54 ± 10	55 ± 12
	PLT	$\times 10^9$/L	**52** ± 30	**272** ± 45	**510** ± 70
	MPV	%	9.9 ± 3.0	10.9 ± 3.0	11.2 ± 3.0
	PDW	fL	9.6 ± 4.0	12.7 ± 4.0	12.8 ± 4.0
	PCT	fL	0.05 ± 0.05	0.30 ± 0.20	0.59 ± 0.20
	PLCR	%	23.5 ± 10.0	32.0 ± 10.0	34.6 ± 10.0
	PLCC	$\times 10^9$/L	12 ± 11	90 ± 25	182 ± 40

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3) Controls must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
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2023-03-05

Instrument	Parameter		Low	Normal	High
EDAN H60 Vet H66 Vet H68 Vet H69 Vet	**WBC**	$\times 10^9$/L	**3.41** ± 0.60	**8.17** ± 1.00	**18.51** ± 2.50
	NEU#	$\times 10^9$/L	1.66 ± 0.60	4.52 ± 0.80	11.59 ± 1.60
	NEU%	%	48.6 ± 10.0	55.3 ± 9.0	62.7 ± 8.0
	LYM#	$\times 10^9$/L	1.3 ± 0.5	2.3 ± 0.8	3.2 ± 1.2
	LYM	%	37.1 ± 10.0	28.3 ± 9.0	17.5 ± 8.0
	MON#	$\times 10^9$/L	0.22 ± 0.20	0.49 ± 0.50	1.17 ± 1.10
	MON	%	6.5 ± 4.0	6.0 ± 5.0	6.3 ± 6.0
	EOS#	$\times 10^9$/L	0.26 ± 0.26	0.84 ± 0.50	2.48 ± 1.30
	EOS	%	7.8 ± 5.0	10.3 ± 6.0	13.4 ± 7.0
	BAS#	$\times 10^9$/L	0.01 ± 0.01	0.01 ± 0.01	0.03 ± 0.03
	BAS	%	0.1 ± 0.1	0.1 ± 0.1	0.1 ± 0.1
	RBC	$\times 10^{12}$/L	**2.17** ± 0.30	**4.22** ± 0.40	**4.81** ± 0.50
	HGB	g/L	**58** ± 6	**125** ± 6	**158** ± 8
	HCT	%	15.2 ± 2.0	34.7 ± 3.0	43.6 ± 4.0
	MCV	fL	**70.1** ± 5.0	**82.1** ± 5.0	**90.6** ± 6.0
	MCH	pg	26.8 ± 2.5	30.1 ± 2.5	33.2 ± 2.5
	MCHC	g/L	383 ± 30	367 ± 30	366 ± 30
	RDW-CV	%	15.6 ± 3.0	14.5 ± 3.0	13.6 ± 3.0
	RDW-SD	fL	38 ± 10	40 ± 10	41 ± 12
	PLT	$\times 10^9$/L	**60** ± 30	**265** ± 45	**490** ± 70
	MPV	fL	9.7 ± 3.0	9.2 ± 3.0	9.4 ± 3.0
	PDW	%	12.2 ± 4.0	11.3 ± 4.0	11.2 ± 4.0
	PCT	%	0.06 ± 0.06	0.25 ± 0.20	0.48 ± 0.20
	PLCR	%	35.8 ± 10.0	30.4 ± 10.0	32.9 ± 10.0
	PLCC	$\times 10^9$/L	22 ± 15	83 ± 25	169 ± 40

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