ED-60D

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT EH0924

⌛ 2024-11-05

Instrument	Parameter		Low			Normal			High		
EDAN **DS-500** **DS-500i** **DS-580** **DS-580i** **DS-500C**	**WBC**	$\times 10^9$/L	**3.71**	±	0.50	**8.57**	±	1.00	**19.75**	±	2.50
	NEU#	$\times 10^9$/L	1.86	±	0.40	4.90	±	0.66	12.76	±	2.00
	NEU%	%	50.2	±	9.0	57.2	±	8.0	64.7	±	9.0
	LYM#	$\times 10^9$/L	1.33	±	0.40	2.36	±	0.66	3.56	±	1.50
	LYM	%	35.8	±	9.0	27.5	±	8.0	18.0	±	9.0
	MON#	$\times 10^9$/L	0.26	±	0.14	0.54	±	0.31	1.19	±	1.09
	MON	%	7.1	±	4.0	6.3	±	4.0	6.0	±	6.0
	EOS#	$\times 10^9$/L	0.26	±	0.16	0.77	±	0.56	2.24	±	1.25
	EOS	%	6.9	±	5.0	9.0	±	5.0	11.3	±	8.0
	BAS#	$\times 10^9$/L	1.0	±	1.0	0.00	±	1.0	0.00	±	1.0
	BAS	%	1.0	±	1.0	0.0	±	1.0	0.0	±	1.0
	RBC	$\times 10^{12}$/L	**2.37**	±	0.24	**4.66**	±	0.24	**5.25**	±	0.5
	HGB	g/L	**58**	±	6	**131**	±	6	**164**	±	10
	HCT	%	18.6	±	3	41.6	±	3	50.8	±	5
	MCV	fL	**78.6**	±	5	**89.1**	±	5	**96.9**	±	8
	MCH	pg	24.3	±	3	28.1	±	3	31.3	±	3.5
	MCHC	g/L	309	±	30	315	±	30	323	±	30
	RDW-SD	fL	51.7	±	8	53.9	±	8	55.6	±	12
	RDW-CV	%	16.9	±	5	15.6	±	5	14.6	±	5
	PLT	$\times 10^9$/L	**63**	±	20	**291**	±	40	**584**	±	60
	PDW	fL	11.0	±	3	10.4	±	3	10.2	±	3
	MPV	fL	9.0	±	3	8.8	±	3	8.7	±	3
	PCT	%	0.06	±	0.06	0.26	±	0.1	0.51	±	0.3
	PLCR	%	24.03	±	15	20.93	±	15	20.26	±	15
	PLCC	$\times 10^9$/L	20	±	20	61	±	30	118	±	40

【NOTE】

1) The controls should be stored in the refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°C.
2) Please equilibrate the controls to room temperature (15~30°C) 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°C) to prevent contamination and evaporation.

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Instrument	Parameter		Low	Normal	High
EDAN **H60** **H66** **H68** **H69** **H60S** **H66S** **H68S** **H69S**	**WBC**	$\times 10^9/L$	**3.47** ± 0.60	**8.16** ± 1.00	**18.72** ± 2.50
	NEU#	$\times 10^9/L$	1.55 ± 1.0	4.33 ± 3.80	11.75 ± 7.60
	NEU%	%	46.2 ± 10.0	53.3 ± 9.0	62.4 ± 8.0
	LYM#	$\times 10^9/L$	1.20 ± 1.0	2.09 ± 1.5	3.18 ± 2.0
	LYM	%	34.7 ± 10.0	25.6 ± 9.0	17.0 ± 8.0
	MON#	$\times 10^9/L$	0.32 ± 0.20	0.79 ± 0.50	1.46 ± 1.10
	MON	%	9.3 ± 4.0	9.7 ± 5.0	7.8 ± 6.0
	EOS#	$\times 10^9/L$	0.30 ± 0.20	0.85 ± 0.50	2.23 ± 1.30
	EOS	%	8.8 ± 5.0	10.4 ± 6.0	11.9 ± 7.0
	BAS#	$\times 10^9/L$	0.10 ± 0.10	0.10 ± 0.10	0.10 ± 0.10
	BAS	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	RBC	$\times 10^{12}/L$	**2.28** ± 0.30	**4.51** ± 0.40	**5.10** ± 0.50
	HGB	g/L	**59** ± 6	**131** ± 8	**164** ± 8
	HCT	%	18.0 ± 3.0	40.3 ± 4.0	49.5 ± 5.0
	MCV	fL	**78.9** ± 5.0	**89.4** ± 5.0	**97.1** ± 6.0
	MCH	pg	25.9 ± 2.5	29.0 ± 2.5	32.1 ± 2.5
	MCHC	g/L	329 ± 30	325 ± 30	331 ± 30
	RDW-CV	%	16.8 ± 3.0	15.7 ± 3.0	14.8 ± 3.0
	RDW-SD	fL	51 ± 10	53 ± 10	54 ± 12
	PLT	$\times 10^9/L$	**56** ± 30	**279** ± 45	**507** ± 70
	MPV	fL	11.2 ± 3.0	10.5 ± 3.0	10.4 ± 3.0
	PDW	fL	14.2 ± 4.0	13.0 ± 4.0	12.9 ± 4.0
	PCT	%	0.06 ± 0.06	0.29 ± 0.20	0.53 ± 0.20
	PLCR	%	34.2 ± 10.0	29.0 ± 10.0	28.4 ± 10.0
	PLCC	$\times 10^9/L$	19 ± 19	81 ± 25	144 ± 40

【NOTE】

1) The controls should be stored in the refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°C.
2) Please equilibrate the controls to room temperature (15~30°C) 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°C) to prevent contamination and evaporation.

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Instrument	Parameter	Unit	Low	Normal	High
EDAN **H60 CRP** **H66 CRP** **H60** **CRP&SAA** **H66** **CRP&SAA** **H60S CRP** **H66S CRP** **H60S** **CRP&SAA** **H66S** **CRP&SAA** **H80** **H88** **H80S** **H88S**	**WBC**	$\times 10^9$/L	**3.61** ± 0.60	**8.38** ± 1.00	**19.28** ± 2.50
	NEU#	$\times 10^9$/L	1.62 ± 1.0	4.10 ± 3.80	11.69 ± 7.60
	NEU%	%	46.3 ± 10.0	48.9 ± 9.0	60.1 ± 8.0
	LYM#	$\times 10^9$/L	1.27 ± 1.0	2.37 ± 1.5	3.57 ± 2.0
	LYM	%	35.4 ± 10.0	28.3 ± 9.0	18.5 ± 8.0
	MON#	$\times 10^9$/L	0.35 ± 0.30	0.85 ± 0.50	1.71 ± 1.30
	MON	%	9.8 ± 4.0	10.2 ± 5.0	8.9 ± 6.0
	EOS#	$\times 10^9$/L	0.27 ± 0.20	0.97 ± 0.70	2.21 ± 1.30
	EOS	%	7.6 ± 5.0	11.6 ± 6.0	11.5 ± 7.0
	BAS#	$\times 10^9$/L	0.10 ± 0.10	0.10 ± 0.10	0.10 ± 0.10
	BAS	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	RBC	$\times 10^{12}$/L	**2.07** ± 0.30	**4.55** ± 0.40	**5.10** ± 0.50
	HGB	g/L	**59** ± 6	**131** ± 8	**165** ± 8
	HCT	%	16.4 ± 3.0	40.7 ± 4.0	49.1 ± 5.0
	MCV	fL	**79.2** ± 5.0	**89.5** ± 5.0	**96.3** ± 6.0
	MCH	pg	28.3 ± 2.5	29.4 ± 2.5	32.4 ± 2.5
	MCHC	g/L	357 ± 30	321 ± 30	336 ± 30
	RDW-CV	%	17.3 ± 3.0	16.4 ± 3.0	15.8 ± 3.0
	RDW-SD	fL	52 ± 10	54 ± 10	57 ± 12
	PLT	$\times 10^9$/L	**58** ± 30	**278** ± 45	**515** ± 70
	MPV	fL	10.2 ± 3.0	10.8 ± 3.0	10.7 ± 3.0
	PDW	fL	10.4 ± 4.0	13.0 ± 4.0	12.6 ± 4.0
	PCT	%	0.06 ± 0.06	0.30 ± 0.20	0.55 ± 0.20
	PLCR	%	25.9 ± 10.0	28.9 ± 10.0	28.4 ± 10.0
	PLCC	$\times 10^9$/L	15 ± 15	80 ± 25	146 ± 40

【NOTE】

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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°C) to prevent contamination and evaporation.

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Instrument	Parameter		Low			Normal			High		
EDAN H60 Vet H66 Vet H68 Vet H69 Vet	**WBC**	$\times 10^9$/L	**3.47**	±	0.60	**8.10**	±	1.00	**18.47**	±	2.50
	NEU#	$\times 10^9$/L	1.49	±	1.0	4.21	±	3.8	11.44	±	7.60
	NEU%	%	44.6	±	10.0	52.2	±	9.0	61.6	±	8.0
	LYM#	$\times 10^9$/L	1.25	±	1.0	2.19	±	1.5	3.30	±	2.0
	LYM	%	36.1	±	10.0	27.0	±	9.0	17.8	±	8.0
	MON#	$\times 10^9$/L	0.24	±	0.20	0.62	±	0.50	1.11	±	1.10
	MON	%	7.0	±	4.0	7.7	±	5.0	6.0	±	6.0
	EOS#	$\times 10^9$/L	0.39	±	0.35	0.98	±	0.80	2.52	±	1.30
	EOS	%	11.3	±	5.0	12.1	±	6.0	13.6	±	7.0
	BAS#	$\times 10^9$/L	0.10	±	0.10	0.10	±	0.10	0.10	±	0.10
	BAS	%	1.0	±	1.0	1.0	±	1.0	1.0	±	1.0
	RBC	$\times 10^{12}$/L	**2.36**	±	0.30	**4.58**	±	0.40	**5.19**	±	0.50
	HGB	g/L	**58**	±	6	**130**	±	8	**163**	±	8
	HCT	%	16.5	±	3.0	37.2	±	4.0	46.7	±	5.0
	MCV	fL	**69.9**	±	5.0	**81.3**	±	5.0	**89.9**	±	6.0
	MCH	pg	24.5	±	2.5	28.3	±	2.5	31.4	±	2.5
	MCHC	g/L	350	±	30	348	±	30	350	±	30
	RDW-CV	%	15.9	±	3.0	14.7	±	3.0	13.9	±	3.0
	RDW-SD	fL	39	±	10	41	±	10	42	±	12
	PLT	$\times 10^9$/L	**69**	±	30	**273**	±	45	**498**	±	70
	MPV	fL	10.8	±	3.0	10.0	±	3.0	10.0	±	3.0
	PDW	fL	10.9	±	4.0	9.8	±	4.0	9.7	±	4.0
	PCT	%	0.07	±	0.07	0.27	±	0.20	0.50	±	0.20
	PLCR	%	37.0	±	10.0	30.5	±	10.0	29.6	±	10.0
	PLCC	$\times 10^9$/L	25	±	25	83	±	25	147	±	40

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P/N：01.54.459435

MPN：01.54.459435010