

HQ-5DIFF

HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by URIT Medica

LOT

U0323



2023/05/05

Instrument	Parameter	Low		Normal		High	
		LOT	U0323L	LOT	U0323N	LOT	U0323H
URIT-5500V4.01.160421 / Hemalit-5500 V5.00.191209(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.29	±0.40	8.00	±0.80	21.00	±2.20
	WBC (WIC) × 10 ⁹ /L	3.43	±0.40	8.28	±0.80	21.66	±2.20
	NEU #	1.71	±0.60	5.41	±1.20	15.75	±3.40
	NEU %	49.86	±10.00	65.37	±8.00	72.70	±8.00
	LYM #	1.36	±0.50	1.81	±0.90	3.82	±1.70
	LYM %	39.62	±9.00	21.85	±7.00	17.63	±6.00
	MON #	0.21	±0.21	0.66	±0.66	1.11	±1.11
	MON %	6.04	±6.04	7.92	±6.50	5.13	±5.13
	EOS #	0.14	±0.14	0.35	±0.35	0.85	±0.85
	EOS %	4.18	±4.18	4.26	±4.26	3.94	±3.94
	BASO #	0.01	±0.01	0.05	±0.05	0.13	±0.13
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	2.14	±0.15	4.40	±0.20	5.04	±0.24
	HGB g/dL	5.9	±0.3	13.6	±0.5	16.2	±0.7
	HGB g/L	59	±3	136	±5	162	±7
	HCT %	16.8	±1.8	41.2	±2.4	50.0	±3.0
	MCV fL	78.3	±4.0	93.6	±4.0	99.3	±4.0
	MCH pg	27.6	±2.8	30.9	±2.0	32.1	±2.0
	MCHC g/dL	35.1	±3.6	33.0	±2.8	32.4	±2.8
	MCHC g/L	351	±36	330	±28	324	±28
RDW-CV %	15.0	±3.0	13.1	±3.0	12.8	±3.0	
PLT × 10 ⁹ /L	79	±20	245	±40	498	±65	
MPV fL	8.2	±3.0	7.1	±3.0	7.1	±3.0	
URIT-5250/5380/BH-5390 V4.01.160421(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.19	±0.40	8.10	±0.80	21.29	±2.20
	WBC (WIC) × 10 ⁹ /L	3.28	±0.40	8.25	±0.80	22.51	±2.20
	NEU #	1.65	±0.60	5.46	±1.20	16.64	±3.40
	NEU %	50.22	±10.00	66.21	±8.00	73.96	±8.00
	LYM #	1.27	±0.50	1.90	±0.90	3.59	±1.70
	LYM %	38.72	±9.00	23.06	±7.00	15.94	±6.00
	MON #	0.21	±0.21	0.49	±0.49	1.23	±1.23
	MON %	6.44	±6.44	5.88	±5.88	5.45	±5.45
	EOS #	0.13	±0.13	0.33	±0.33	0.91	±0.91
	EOS %	3.99	±3.99	4.01	±4.01	4.05	±4.05
	BASO #	0.02	±0.02	0.07	±0.07	0.14	±0.14
	BASO %	0.63	±0.63	0.84	±0.84	0.60	±0.60
	RBC × 10 ¹² /L	1.94	±0.15	4.33	±0.20	4.97	±0.24
	HGB g/dL	5.8	±0.3	13.5	±0.5	16.1	±0.7
	HGB g/L	58	±3	135	±5	161	±7
	HCT %	14.5	±1.8	39.1	±2.4	47.6	±3.0
	MCV fL	74.7	±4.0	90.3	±4.0	95.7	±4.0
	MCH pg	29.9	±2.8	31.2	±2.0	32.4	±2.0
	MCHC g/dL	40.0	±3.6	34.5	±2.8	33.8	±2.8
	MCHC g/L	400	±36	345	±28	338	±28
RDW-CV %	14.3	±3.0	12.1	±3.0	11.7	±3.0	
PLT × 10 ⁹ /L	92	±20	276	±40	551	±65	
MPV fL	6.9	±3.0	6.3	±3.0	6.1	±3.0	

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URIT Medical Electronic Co., Ltd.

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URIT-5500 V3.01.150722(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.27	±0.40	7.86	±0.80	18.67	±2.20	
	WBC (WIC) × 10 ⁹ /L	3.50	±0.40	8.53	±0.80	22.87	±2.20	
	NEU #	1.69	±0.60	5.62	±1.20	17.07	±3.40	
	NEU %	48.29	±10.00	65.85	±8.00	74.62	±8.00	
	LYM #	1.43	±0.50	1.84	±0.90	3.53	±1.70	
	LYM %	40.87	±9.00	21.57	±7.00	15.45	±6.00	
	Assay values established in QC file.	MON #	0.21	±0.21	0.64	±0.64	1.15	±1.15
	MON %	5.99	±5.99	7.56	±6.50	5.03	±5.03	
	EOS #	0.16	±0.16	0.38	±0.38	0.98	±0.98	
	EOS %	4.55	±4.55	4.42	±4.42	4.30	±4.30	
	BASO #	0.01	±0.01	0.05	±0.05	0.14	±0.14	
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60	
	RBC × 10 ¹² /L	2.17	±0.15	4.28	±0.20	5.00	±0.24	
	HGB g/dL	5.7	±0.3	13.1	±0.5	15.6	±0.7	
	HGB g/L	57	±3	131	±5	156	±7	
	HCT %	17.1	±1.8	40.2	±2.4	50.0	±3.0	
	MCV fL	79.0	±4.0	94.0	±4.0	99.9	±4.0	
	MCH pg	26.1	±2.8	30.7	±2.0	31.3	±2.0	
	MCHC g/dL	33.1	±3.6	32.7	±2.8	31.3	±2.8	
	MCHC g/L	331	±36	327	±28	313	±28	
RDW-CV %	15.0	±3.0	12.9	±3.0	12.3	±3.0		
PLT × 10 ⁹ /L	77	±20	241	±40	481	±65		
MPV fL	13.1	±3.0	11.1	±3.0	9.9	±3.0		
URIT-5250 V3.01.150722(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.18	±0.40	8.03	±0.80	19.75	±2.20	
	WBC (WIC) × 10 ⁹ /L	3.17	±0.40	8.54	±0.80	22.95	±2.20	
	NEU #	1.58	±0.60	5.60	±1.20	17.15	±3.40	
	NEU %	49.70	±10.00	65.61	±8.00	74.75	±8.00	
	LYM #	1.24	±0.50	1.98	±0.90	3.37	±1.70	
	LYM %	39.12	±9.00	23.19	±7.00	14.68	±6.00	
	Assay values established in QC file.	MON #	0.18	±0.18	0.50	±0.50	1.27	±1.27
	MON %	5.76	±5.76	5.80	±5.80	5.54	±5.54	
	EOS #	0.15	±0.15	0.39	±0.39	1.02	±1.02	
	EOS %	4.79	±4.79	4.56	±4.56	4.43	±4.43	
	BASO #	0.02	±0.02	0.07	±0.07	0.14	±0.14	
	BASO %	0.63	±0.63	0.84	±0.84	0.60	±0.60	
	RBC × 10 ¹² /L	1.88	±0.15	4.30	±0.20	4.91	±0.24	
	HGB g/dL	5.8	±0.3	13.6	±0.5	16.3	±0.7	
	HGB g/L	58	±3	136	±5	163	±7	
	HCT %	14.3	±1.8	39.2	±2.4	47.5	±3.0	
	MCV fL	75.7	±4.0	91.2	±4.0	96.7	±4.0	
	MCH pg	30.4	±2.8	31.7	±2.0	33.3	±2.0	
	MCHC g/dL	40.4	±3.6	34.7	±2.8	34.3	±2.8	
	MCHC g/L	404	±36	347	±28	343	±28	
RDW-CV %	15.1	±3.0	12.7	±3.0	12.2	±3.0		
PLT × 10 ⁹ /L	100	±20	271	±40	482	±65		
MPV fL	10.1	±3.0	8.3	±3.0	7.4	±3.0		

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Instrument	Parameter	Low		Normal		High	
		LOT	U0323L	LOT	U0323N	LOT	U0323H
URIT-5500 V2.08.150514(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.14	±0.40	7.57	±0.80	17.84	±2.20
	WBC (WIC) × 10 ⁹ /L	3.43	±0.40	8.56	±0.80	23.03	±2.20
	NEU #	1.67	±0.60	5.58	±1.20	17.21	±3.40
	NEU %	48.81	±10.00	65.24	±8.00	74.74	±8.00
	LYM #	1.35	±0.50	1.84	±0.90	3.42	±1.70
	LYM %	39.27	±9.00	21.53	±7.00	14.85	±6.00
	MON #	0.23	±0.23	0.69	±0.69	1.26	±1.26
	MON %	6.63	±6.50	8.01	±6.50	5.47	±5.47
	EOS #	0.17	±0.17	0.40	±0.40	1.00	±1.00
	EOS %	4.99	±4.99	4.62	±4.62	4.34	±4.34
	BASO #	0.01	±0.01	0.05	±0.05	0.14	±0.14
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	2.30	±0.15	4.47	±0.20	5.15	±0.24
	HGB g/dL	5.6	±0.3	13.1	±0.5	15.4	±0.7
	HGB g/L	56	±3	131	±5	154	±7
	HCT %	18.5	±1.8	42.4	±2.4	51.6	±3.0
	MCV fL	80.7	±4.0	94.9	±4.0	100.3	±4.0
	MCH pg	24.5	±2.8	29.2	±2.0	30.0	±2.0
	MCHC g/dL	30.3	±3.6	30.8	±2.8	29.8	±2.8
	MCHC g/L	303	±36	308	±28	298	±28
RDW-CV %	15.5	±3.0	14.1	±3.0	13.6	±3.0	
PLT × 10 ⁹ /L	92	±20	249	±40	478	±65	
MPV fL	13.5	±3.0	12.0	±3.0	10.7	±3.0	
URIT-5250 V2.08.150514(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.18	±0.40	8.04	±0.80	19.96	±2.20
	WBC (WIC) × 10 ⁹ /L	3.48	±0.40	9.48	±0.80	25.64	±2.20
	NEU #	1.75	±0.60	6.26	±1.20	19.40	±3.40
	NEU %	50.16	±10.00	65.99	±8.00	75.65	±8.00
	LYM #	1.29	±0.50	2.14	±0.90	3.51	±1.70
	LYM %	37.09	±9.00	22.61	±7.00	13.67	±6.00
	MON #	0.27	±0.27	0.58	±0.58	1.48	±1.48
	MON %	7.77	±6.50	6.15	±6.15	5.78	±5.78
	EOS #	0.15	±0.15	0.42	±0.42	1.10	±1.10
	EOS %	4.35	±4.35	4.41	±4.41	4.30	±4.30
	BASO #	0.02	±0.02	0.08	±0.08	0.15	±0.15
	BASO %	0.63	±0.63	0.84	±0.84	0.60	±0.60
	RBC × 10 ¹² /L	1.89	±0.15	4.30	±0.20	4.94	±0.24
	HGB g/dL	5.8	±0.3	13.5	±0.5	16.2	±0.7
	HGB g/L	58	±3	135	±5	162	±7
	HCT %	14.5	±1.8	39.2	±2.4	47.5	±3.0
	MCV fL	77.0	±4.0	91.2	±4.0	96.1	±4.0
	MCH pg	30.7	±2.8	31.4	±2.0	32.8	±2.0
	MCHC g/dL	39.7	±3.6	34.4	±2.8	34.2	±2.8
	MCHC g/L	397	±36	344	±28	342	±28
RDW-CV %	15.1	±3.0	13.3	±3.0	13.0	±3.0	
PLT × 10 ⁹ /L	107	±20	283	±40	542	±65	
MPV fL	10.1	±3.0	8.6	±3.0	8.1	±3.0	

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		LOT	U0323L	LOT	U0323N	LOT	U0323H
URIT-5160/5181/5180 V1.11.170522/BH-5100/ BH-5100Vet/Smart-V5 /URIT-5160Vet/Smart 5 /Smart 5 Vet	WBC (WOC) × 10 ⁹ /L	3.48	±0.40	8.85	±0.80	22.08	±2.20
	WBC (WIC) × 10 ⁹ /L	3.38	±0.40	8.64	±0.80	23.07	±2.20
	NEU #	1.71	±0.60	5.62	±1.20	16.61	±3.40
	NEU %	50.38	±10.00	65.04	±8.00	72.01	±8.00
	LYM #	1.23	±0.50	1.97	±0.90	3.67	±1.70
	LYM %	36.41	±9.00	22.77	±7.00	15.89	±6.00
	MON #	0.29	±0.29	0.61	±0.61	1.64	±1.64
	MON %	8.69	±6.50	7.04	±6.50	7.12	±6.50
	EOS #	0.13	±0.13	0.39	±0.39	1.01	±1.01
	EOS %	3.95	±3.95	4.55	±4.55	4.38	±4.38
	BASO #	0.02	±0.02	0.05	±0.05	0.14	±0.14
	BASO %	0.57	±0.57	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	1.96	±0.15	4.31	±0.20	4.99	±0.24
	HGB g/dL	5.8	±0.3	14.0	±0.5	16.9	±0.7
	HGB g/L	58	±3	140	±5	169	±7
	HCT %	14.5	±1.8	38.6	±2.4	47.9	±3.0
	MCV fL	73.9	±4.0	89.5	±4.0	95.9	±4.0
	MCH pg	29.6	±2.8	32.5	±2.0	33.9	±2.0
	MCHC g/dL	40.0	±3.6	36.3	±2.8	35.3	±2.8
	MCHC g/L	400	±36	363	±28	353	±28
RDW-CV %	18.2	±3.0	15.8	±3.0	15.4	±3.0	
PLT × 10 ⁹ /L	86	±20	246	±40	475	±65	
MPV fL	10.3	±3.0	9.3	±3.0	8.8	±3.0	
URIT-5200 V1.00.140218(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.04	±0.40	7.62	±0.80	18.71	±2.20
	NEU #	1.45	±0.60	4.99	±1.20	14.11	±3.40
	NEU %	47.60	±10.00	65.51	±8.00	75.38	±8.00
	LYM #	1.29	±0.50	1.69	±0.90	2.80	±1.70
	LYM %	42.57	±9.00	22.14	±7.00	14.95	±6.00
	MON #	0.14	±0.14	0.48	±0.48	0.71	±0.71
	MON %	4.68	±4.68	6.34	±6.34	3.81	±3.81
	EOS #	0.15	±0.15	0.41	±0.41	0.98	±0.98
	EOS %	4.85	±4.85	5.41	±5.41	5.26	±5.26
	BASO #	0.01	±0.01	0.05	±0.05	0.11	±0.11
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	2.17	±0.15	4.44	±0.20	5.23	±0.24
	HGB g/dL	6.0	±0.3	13.5	±0.5	16.1	±0.7
	HGB g/L	60	±3	135	±5	161	±7
	HCT %	19.8	±1.8	46.8	±2.4	59.1	±3.0
	MCV fL	91.5	±4.0	105.4	±4.0	112.9	±4.0
	MCH pg	27.5	±2.8	30.3	±2.0	30.8	±2.0
	MCHC g/dL	30.1	±3.6	28.8	±2.8	27.3	±2.8
	MCHC g/L	301	±36	288	±28	273	±28
	RDW-CV %	15.2	±3.0	14.1	±3.0	13.5	±3.0
PLT × 10 ⁹ /L	113	±20	243	±40	446	±65	
MPV fL	15.5	±3.0	12.4	±3.0	11.3	±3.0	

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