

HQ-5DIFF

HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by URIT Medical

LOT

U0325



2025/05/05

Instrument	Parameter	Low		Normal		High	
		LOT	U0325L	LOT	U0325N	LOT	U0325H
URIT-5500V4.01.160421 / Hemalit-5500 V5.00.191209(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.32	±0.40	8.23	±0.80	22.02	±2.20
	WBC (WIC) × 10 ⁹ /L	3.52	±0.40	8.50	±0.80	23.17	±2.20
	NEU #	1.73	±0.60	5.33	±1.20	16.96	±3.40
	NEU %	49.12	±10.00	62.66	±8.00	73.21	±8.00
	LYM #	1.40	±0.50	2.25	±0.90	4.12	±1.70
	LYM %	39.90	±9.00	26.43	±7.00	17.79	±6.00
	MON #	0.22	±0.22	0.52	±0.52	0.95	±0.95
	MON %	6.19	±6.19	6.16	±6.16	4.08	±4.08
	EOS #	0.16	±0.16	0.35	±0.35	1.00	±1.00
	EOS %	4.49	±4.49	4.15	±4.15	4.32	±4.32
	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	1.97	±0.15	4.27	±0.20	4.85	±0.24
	HGB g/dL	5.5	±0.3	13.1	±0.5	15.8	±0.7
	HGB g/L	55	±3	131	±5	158	±7
	HCT %	15.5	±1.8	39.1	±2.4	46.6	±3.0
	MCV fL	78.9	±4.0	91.5	±4.0	96.1	±4.0
	MCH pg	27.9	±2.8	30.7	±2.0	32.6	±2.0
	MCHC g/dL	35.5	±3.6	33.5	±2.8	33.9	±2.8
	MCHC g/L	355	±36	335	±28	339	±28
RDW-CV %	15.2	±3.0	13.6	±3.0	13.2	±3.0	
PLT × 10 ⁹ /L	72	±20	231	±40	517	±65	
MPV fL	7.6	±3.0	7.1	±3.0	7.0	±3.0	
URIT-5250/5380/BH-5390 V4.01.160421(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.22	±0.40	8.23	±0.80	22.29	±2.20
	WBC (WIC) × 10 ⁹ /L	3.15	±0.40	8.29	±0.80	22.98	±2.20
	NEU #	1.55	±0.60	5.27	±1.20	17.44	±3.40
	NEU %	49.27	±10.00	63.57	±8.00	75.89	±8.00
	LYM #	1.24	±0.50	2.11	±0.90	3.41	±1.70
	LYM %	39.44	±9.00	25.51	±7.00	14.85	±6.00
	MON #	0.21	±0.21	0.51	±0.51	0.98	±0.98
	MON %	6.59	±6.50	6.14	±6.14	4.28	±4.28
	EOS #	0.14	±0.14	0.35	±0.35	1.01	±1.01
	EOS %	4.40	±4.40	4.18	±4.18	4.38	±4.38
	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	1.88	±0.15	3.94	±0.20	4.53	±0.24
	HGB g/dL	5.7	±0.3	13.4	±0.5	16.0	±0.7
	HGB g/L	57	±3	134	±5	160	±7
	HCT %	14.9	±1.8	36.3	±2.4	43.6	±3.0
	MCV fL	79.4	±4.0	92.2	±4.0	96.3	±4.0
	MCH pg	30.3	±2.8	34.0	±2.0	35.3	±2.0
	MCHC g/dL	38.3	±3.6	36.9	±2.8	36.7	±2.8
	MCHC g/L	383	±36	369	±28	367	±28
RDW-CV %	14.0	±3.0	12.7	±3.0	11.9	±3.0	
PLT × 10 ⁹ /L	89	±20	265	±40	587	±65	
MPV fL	5.9	±3.0	6.0	±3.0	5.9	±3.0	

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AS721-000 Rev. 05/13

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		LOT	U0325L	LOT	U0325N	LOT	U0325H
URIT-5500 V3.01.150722(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.30	±0.40	8.08	±0.80	19.57	±2.20
	WBC (WIC) × 10 ⁹ /L	3.60	±0.40	8.76	±0.80	24.46	±2.20
	NEU #	1.71	±0.60	5.52	±1.20	18.37	±3.40
	NEU %	47.48	±10.00	63.06	±8.00	75.11	±8.00
	LYM #	1.48	±0.50	2.29	±0.90	3.81	±1.70
	LYM %	41.19	±9.00	26.15	±7.00	15.58	±6.00
	MON #	0.22	±0.22	0.52	±0.52	0.98	±0.98
	MON %	6.14	±6.14	5.88	±5.88	4.00	±4.00
	EOS #	0.18	±0.18	0.38	±0.38	1.15	±1.15
	EOS %	4.89	±4.89	4.31	±4.31	4.71	±4.71
	BASO #	0.01	±0.01	0.05	±0.05	0.15	±0.15
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	1.99	±0.15	4.15	±0.20	4.81	±0.24
	HGB g/dL	5.2	±0.3	12.7	±0.5	15.3	±0.7
	HGB g/L	52	±3	127	±5	153	±7
	HCT %	15.8	±1.8	38.1	±2.4	46.5	±3.0
	MCV fL	79.6	±4.0	91.9	±4.0	96.7	±4.0
	MCH pg	26.1	±2.8	30.6	±2.0	31.8	±2.0
	MCHC g/dL	32.9	±3.6	33.2	±2.8	32.8	±2.8
	MCHC g/L	329	±36	332	±28	328	±28
RDW-CV %	15.2	±3.0	13.3	±3.0	12.7	±3.0	
PLT × 10 ⁹ /L	71	±20	228	±40	499	±65	
MPV fL	12.2	±3.0	11.0	±3.0	9.7	±3.0	
URIT-5250 V3.01.150722(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.21	±0.40	8.17	±0.80	20.67	±2.20
	WBC (WIC) × 10 ⁹ /L	3.05	±0.40	8.58	±0.80	23.43	±2.20
	NEU #	1.48	±0.60	5.40	±1.20	17.94	±3.40
	NEU %	48.67	±10.00	62.94	±8.00	76.58	±8.00
	LYM #	1.22	±0.50	2.20	±0.90	3.21	±1.70
	LYM %	39.85	±9.00	25.65	±7.00	13.68	±6.00
	MON #	0.18	±0.18	0.52	±0.52	1.02	±1.02
	MON %	5.90	±5.90	6.06	±6.06	4.35	±4.35
	EOS #	0.16	±0.16	0.41	±0.41	1.12	±1.12
	EOS %	5.28	±5.28	4.75	±4.75	4.79	±4.79
	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	1.82	±0.15	3.91	±0.20	4.48	±0.24
	HGB g/dL	5.7	±0.3	13.5	±0.5	16.3	±0.7
	HGB g/L	57	±3	135	±5	163	±7
	HCT %	14.7	±1.8	36.4	±2.4	43.6	±3.0
	MCV fL	80.5	±4.0	93.1	±4.0	97.3	±4.0
	MCH pg	31.3	±2.8	34.6	±2.0	36.3	±2.0
	MCHC g/dL	38.6	±3.6	37.2	±2.8	37.3	±2.8
	MCHC g/L	386	±36	372	±28	373	±28
RDW-CV %	14.8	±3.0	13.3	±3.0	12.4	±3.0	
PLT × 10 ⁹ /L	96	±20	260	±40	513	±65	
MPV fL	8.6	±3.0	7.9	±3.0	7.1	±3.0	

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Instrument	Parameter	Low		Normal		High	
		LOT	U0325L	LOT	U0325N	LOT	U0325H
URIT-5500 V2.08.150514(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.17	±0.40	7.78	±0.80	18.70	±2.20
	WBC (WIC) × 10 ⁹ /L	3.52	±0.40	8.79	±0.80	24.61	±2.20
	NEU #	1.69	±0.60	5.50	±1.20	18.54	±3.40
	NEU %	47.97	±10.00	62.60	±8.00	75.32	±8.00
	LYM #	1.39	±0.50	2.29	±0.90	3.68	±1.70
	LYM %	39.58	±9.00	26.07	±7.00	14.97	±6.00
	MON #	0.24	±0.24	0.55	±0.55	1.07	±1.07
	MON %	6.79	±6.50	6.23	±6.23	4.35	±4.35
	EOS #	0.19	±0.19	0.40	±0.40	1.17	±1.17
	EOS %	5.36	±5.36	4.50	±4.50	4.76	±4.76
	BASO #	0.01	±0.01	0.05	±0.05	0.15	±0.15
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	2.11	±0.15	4.34	±0.20	4.96	±0.24
	HGB g/dL	5.2	±0.3	12.6	±0.5	15.0	±0.7
	HGB g/L	52	±3	126	±5	150	±7
	HCT %	17.2	±1.8	40.3	±2.4	48.2	±3.0
	MCV fL	81.3	±4.0	92.8	±4.0	97.1	±4.0
	MCH pg	24.6	±2.8	28.8	±2.0	30.2	±2.0
	MCHC g/dL	30.2	±3.6	31.0	±2.8	31.2	±2.8
	MCHC g/L	302	±36	310	±28	312	±28
RDW-CV %	15.7	±3.0	14.6	±3.0	14.1	±3.0	
PLT × 10 ⁹ /L	84	±20	235	±40	496	±65	
MPV fL	12.6	±3.0	12.0	±3.0	10.6	±3.0	
URIT-5250 V2.08.150514(WIC-FPGA)	WBC (WOC) × 10 ⁹ /L	3.20	±0.40	8.17	±0.80	20.89	±2.20
	WBC (WIC) × 10 ⁹ /L	3.35	±0.40	9.53	±0.80	26.19	±2.20
	NEU #	1.65	±0.60	6.04	±1.20	20.29	±3.40
	NEU %	49.21	±10.00	63.38	±8.00	77.48	±8.00
	LYM #	1.26	±0.50	2.38	±0.90	3.33	±1.70
	LYM %	37.74	±9.00	25.01	±7.00	12.73	±6.00
	MON #	0.27	±0.27	0.61	±0.61	1.19	±1.19
	MON %	7.96	±6.50	6.42	±6.42	4.54	±4.54
	EOS #	0.16	±0.16	0.44	±0.44	1.22	±1.22
	EOS %	4.79	±4.79	4.59	±4.59	4.65	±4.65
	BASO #	0.01	±0.01	0.06	±0.06	0.16	±0.16
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60
	RBC × 10 ¹² /L	1.83	±0.15	3.92	±0.20	4.51	±0.24
	HGB g/dL	5.7	±0.3	13.4	±0.5	16.2	±0.7
	HGB g/L	57	±3	134	±5	162	±7
	HCT %	15.0	±1.8	36.5	±2.4	43.6	±3.0
	MCV fL	81.8	±4.0	93.1	±4.0	96.7	±4.0
	MCH pg	31.1	±2.8	34.2	±2.0	35.9	±2.0
	MCHC g/dL	38.0	±3.6	36.7	±2.8	37.1	±2.8
	MCHC g/L	380	±36	367	±28	371	±28
RDW-CV %	14.8	±3.0	13.9	±3.0	13.2	±3.0	
PLT × 10 ⁹ /L	103	±20	272	±40	578	±65	
MPV fL	8.6	±3.0	8.2	±3.0	7.8	±3.0	

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Instrument	Parameter	Low		Normal		High		
		LOT	U0325L	LOT	U0325N	LOT	U0325H	
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	3.53	±0.40	8.89	±0.80	23.06	±2.20	
	WBC (WIC) × 10 ⁹ /L	3.30	±0.40	8.25	±0.80	22.49	±2.20	
	NEU #	1.63	±0.60	5.31	±1.20	16.24	±3.40	
	LYM #	49.33	±10.00	64.38	±8.00	72.19	±8.00	
	LYM %	1.27	±0.50	1.94	±0.90	3.77	±1.70	
	MON #	38.39	±9.00	23.46	±7.00	16.76	±6.00	
	MON %	0.25	±0.25	0.63	±0.63	1.41	±1.41	
	Assay values established in QC file.	MON %	7.50	±6.50	7.66	±6.50	6.27	±6.27
	EOS #	0.14	±0.14	0.32	±0.32	0.94	±0.94	
	EOS %	4.37	±4.37	3.90	±3.90	4.18	±4.18	
	BASO #	0.01	±0.01	0.05	±0.05	0.13	±0.13	
	BASO %	0.41	±0.41	0.60	±0.60	0.60	±0.60	
	RBC × 10 ¹² /L	1.79	±0.15	3.93	±0.20	4.50	±0.24	
	HGB g/dL	5.5	±0.3	13.7	±0.5	16.4	±0.7	
	HGB g/L	55	±3	137	±5	164	±7	
	HCT %	13.8	±1.8	35.1	±2.4	42.4	±3.0	
	MCV fL	77.1	±4.0	89.3	±4.0	94.3	±4.0	
	MCH pg	30.7	±2.8	34.9	±2.0	36.4	±2.0	
	MCHC g/dL	39.9	±3.6	39.0	±2.8	38.7	±2.8	
	MCHC g/L	399	±36	390	±28	387	±28	
RDW-CV %	18.0	±3.0	16.2	±3.0	15.6	±3.0		
PLT × 10 ⁹ /L	89	±20	267	±40	540	±65		
MPV fL	9.4	±3.0	9.2	±3.0	8.6	±3.0		
PDW fL	10.1	±3.0	10.4	±3.0	10.6	±3.0		
PCT %	0.08	±0.05	0.24	±0.10	0.47	±0.20		
P_LCR %	23.42	±8.00	23.80	±8.00	21.08	±8.00		
P_LCC× 10 ⁹ /L	20	±15	63	±25	113	±35		
URIT-5200 V1.00.140218(WIC-FPGA)	WBC (WOC)× 10 ⁹ /L	3.08	±0.40	7.84	±0.80	19.62	±2.20	
	NEU #	1.44	±0.60	4.89	±1.20	14.82	±3.40	
	NEU %	46.79	±10.00	62.40	±8.00	75.52	±8.00	
	LYM #	1.32	±0.50	2.10	±0.90	2.96	±1.70	
	LYM %	42.90	±9.00	26.80	±7.00	15.08	±6.00	
	MON #	0.15	±0.15	0.39	±0.39	0.59	±0.59	
	Assay values established in QC file.	MON %	4.80	±4.80	4.93	±4.93	3.03	±3.03
	EOS #	0.16	±0.16	0.41	±0.41	1.13	±1.13	
	EOS %	5.21	±5.21	5.27	±5.27	5.77	±5.77	
	BASO #	0.01	±0.01	0.05	±0.05	0.12	±0.12	
	BASO %	0.30	±0.30	0.60	±0.60	0.60	±0.60	
	RBC × 10 ¹² /L	2.00	±0.15	4.31	±0.20	5.03	±0.24	
	HGB g/dL	5.5	±0.3	13.0	±0.5	15.7	±0.7	
	HGB g/L	55	±3	130	±5	157	±7	
	HCT %	18.4	±1.8	44.4	±2.4	54.9	±3.0	
	MCV fL	92.2	±4.0	103.1	±4.0	109.2	±4.0	
	MCH pg	27.6	±2.8	30.1	±2.0	31.2	±2.0	
	MCHC g/dL	30.0	±3.6	29.3	±2.8	28.5	±2.8	
	MCHC g/L	300	±36	293	±28	285	±28	
	RDW-CV %	15.4	±3.0	14.6	±3.0	13.9	±3.0	
PLT × 10 ⁹ /L	103	±20	230	±40	463	±65		
MPV fL	14.4	±3.0	12.4	±3.0	11.1	±3.0		

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