

URIT HQ 51

HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by URIT Medical
Model skyla SH50



2025/08/17

Instrument	Parameter	Low		Normal		High	
		LOT	25031023M1	LOT	25031023M2	LOT	25031023M1
SH50	WBC (WOC) × 10 ⁹ /L	3.33	±1.00	8.69	±1.50	20.65	±2.50
	WBC (WIC) × 10 ⁹ /L	3.19	±1.00	8.21	±1.50	19.88	±2.50
	NEU #	1.54	±0.60	3.50	±1.20	9.52	±3.40
	NEU %	48.38	±10.00	42.64	±8.00	47.88	±8.00
	LYM #	0.94	±0.50	2.48	±0.90	5.89	±1.70
	LYM %	29.36	±9.00	30.21	±7.00	29.63	±6.00
	MON #	0.67	±0.67	2.14	±2.14	4.26	±4.26
	MON %	21.06	±6.50	26.00	±6.50	21.43	±6.50
	EOS #	0.03	±0.03	0.08	±0.08	0.16	±0.16
	EOS %	1.09	±1.09	0.97	±0.97	0.79	±0.79
	BASO #	0.01	±0.01	0.01	±0.01	0.05	±0.05
	BASO %	0.11	±0.11	0.18	±0.18	0.27	±0.27
	RBC × 10 ¹² /L	2.26	±0.20	4.29	±0.25	5.45	±0.30
	HGB g/dL	7.2	±0.5	12.3	±0.7	16.8	±0.9
	HGB g/L	72	±5	123	±7	168	±9
	HCT %	19.5	±2.4	34.5	±3.0	48.4	±3.6
	MCV fL	86.5	±6.0	80.7	±7.0	88.8	±8.0
	MCH pg	31.6	±3.2	28.6	±3.6	30.8	±4.0
	MCHC g/dL	36.7	±3.6	35.5	±3.6	34.8	±3.6
	MCHC g/L	367	±36	355	±36	348	±36
Assay values established in QC file.	RDW-CV %	15.0	±4.0	14.4	±4.0	14.5	±4.0
	PLT × 10 ⁹ /L	91	±30	276	±50	428	±75
	MPV fL	13.8	±4.0	13.1	±4.0	12.7	±4.0

Note:

1. Take these values for reference only when the quality control material within the validity period. Do not use it as the quality control material expires.
2. Do not take the above values as a reference as the lot number or reagent system being changed.
3. Shake the quality control material up and down for 1-2 minutes as taking it out from refrigerator and place it in room temperature (15°C~30°C) for 10 minutes, and then doing the test.
4. The lowest percent and lowest absolute count of MON, EOS and BASO reference value are 0.

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Manufactured for Shenzhen URIT under contract