

# URIT HQ 51

## HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by URIT Medical  
Model skyla SH50



2025/03/26

Instrument	Parameter	Low		Normal		High	
		LOT	24091532M1	LOT	24091532M1	LOT	24091532M1
SH50	WBC (WOC) × 10 <sup>9</sup> /L	3.30	±0.40	8.13	±0.80	20.07	±2.20
	WBC (WIC) × 10 <sup>9</sup> /L	3.21	±0.40	8.10	±0.80	19.98	±2.20
	NEU #	1.93	±0.60	5.78	±1.20	12.41	±3.40
	NEU %	60.04	±10.00	71.36	±8.00	62.10	±8.00
	LYM #	0.66	±0.50	1.70	±0.90	4.39	±1.70
	LYM %	20.55	±9.00	20.99	±7.00	21.98	±6.00
Assay values established in QC file.	MON #	0.57	±0.57	0.52	±0.52	2.73	±2.73
	MON %	17.83	±6.50	6.44	±6.44	13.68	±6.50
	EOS #	0.04	±0.04	0.09	±0.09	0.42	±0.42
	EOS %	1.43	±1.43	1.07	±1.07	2.09	±2.09
	BASO #	0.01	±0.01	0.01	±0.01	0.03	±0.03
	BASO %	0.15	±0.15	0.14	±0.14	0.15	±0.15
	RBC × 10 <sup>12</sup> /L	2.01	±0.15	3.72	±0.20	5.09	±0.24
	HGB g/dL	6.9	±0.3	12.7	±0.5	18.0	±0.7
	HGB g/L	69	±3	127	±5	180	±7
	HCT %	18.4	±1.8	34.8	±2.4	49.2	±3.0
	MCV fL	92.1	±4.0	93.8	±4.0	96.8	±4.0
	MCH pg	34.2	±2.8	34.2	±2.0	35.3	±2.0
	MCHC g/dL	37.3	±3.6	36.5	±2.8	36.5	±2.8
	MCHC g/L	373	±36	365	±28	365	±28
	RDW-CV %	13.8	±3.0	14.4	±3.0	15.0	±3.0
	PLT × 10 <sup>9</sup> /L	101	±20	303	±40	530	±65
	MPV fL	13.1	±3.0	12.2	±3.0	12.1	±3.0

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 expired.
2. Do not take the above values 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 15 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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