


HQ-3DIFF

HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by URIT Medical

LOT

B0225
 **2025/05/05**

Instrument	Parameter	Low		Normal		High	
		LOT	B0225L	LOT	B0225N	LOT	B0225H
URIT-3000Plus/3020	WBC × 10 ⁹ /L		1.8 ± 0.5		8.1 ± 1.0		23.1 ± 2.5
application software lower than	LYM#		1.2 ± 0.3		2.5 ± 0.7		3.0 ± 1.3
V4.64.170701 (Excluding V4.64)	MID#		0.2 ± 0.2		0.8 ± 0.6		1.6 ± 1.2
	GRAN#		0.4 ± 0.2		4.8 ± 0.7		18.5 ± 1.7
	LYM %		64.2 ± 12.0		31.2 ± 8.0		13.0 ± 6.0
	MID %		11.6 ± 6.5		9.4 ± 6.5		6.9 ± 6.5
	GRAN %		24.2 ± 9.0		59.4 ± 8.0		80.1 ± 8.0
	RBC × 10 ¹² /L		2.30 ± 0.18		4.91 ± 0.24		5.95 ± 0.30
	HGB g/L		62 ± 4		146 ± 6		196 ± 8
	HCT %		19.1 ± 1.5		45.8 ± 2.0		59.8 ± 2.4
	MCV fL		82.8 ± 5.0		93.2 ± 5.0		100.5 ± 5.0
	MCH pg		27.1 ± 2.5		29.8 ± 2.5		32.9 ± 2.5
	MCHC g/L		327 ± 30		319 ± 30		327 ± 30
	RDW-CV %		21.2 ± 3.0		20.8 ± 3.0		20.1 ± 3.0
	PLT × 10 ⁹ /L		58 ± 20		227 ± 40		456 ± 60
	MPV fL		10.4 ± 3.0		8.7 ± 3.0		8.0 ± 3.0
URIT-2900Plus	WBC × 10 ⁹ /L		1.9 ± 0.5		8.0 ± 1.0		22.6 ± 2.5
application software lower than	LYM#		1.3 ± 0.3		2.5 ± 0.7		3.0 ± 1.3
V3.64.171025 (Excluding V3.64)	MID#		0.2 ± 0.2		0.8 ± 0.6		1.6 ± 1.2
	GRAN#		0.5 ± 0.2		4.8 ± 0.7		17.9 ± 1.7
	LYM %		65.7 ± 12.0		31.1 ± 8.0		13.5 ± 6.0
	MID %		9.4 ± 6.5		9.4 ± 6.5		7.1 ± 6.5
	GRAN %		24.9 ± 9.0		59.5 ± 8.0		79.4 ± 8.0
	RBC × 10 ¹² /L		2.29 ± 0.18		4.67 ± 0.24		5.66 ± 0.30
	HGB g/L		60 ± 4		143 ± 6		189 ± 8
	HCT %		17.0 ± 1.5		39.0 ± 2.0		50.7 ± 2.4
	MCV fL		74.2 ± 5.0		83.6 ± 5.0		89.5 ± 5.0
	MCH pg		26.4 ± 2.5		30.6 ± 2.5		33.4 ± 2.5
	MCHC g/L		356 ± 30		366 ± 30		373 ± 30
	RDW-CV %		17.3 ± 3.0		17.0 ± 3.0		16.2 ± 3.0
	PLT × 10 ⁹ /L		68 ± 20		218 ± 40		396 ± 60
	MPV fL		10.4 ± 3.0		9.0 ± 3.0		8.4 ± 3.0

Before using, refer to the instruction sheet for mixing directions.

URIT Medical Electronic Co., Ltd.

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		LOT	B0225L	LOT	B0225N	LOT	B0225H
URIT-3000 PLUS/3020/BH-3000/	WBC × 10 ⁹ /L		2.0 ± 0.5		8.3 ± 1.0		23.4 ± 2.5
BH-70P /Smart 3/Hemalit-3000	LYM#		1.3 ± 0.3		2.5 ± 0.7		2.8 ± 1.3
V4.64.170701 And above	MID#		0.2 ± 0.2		0.8 ± 0.6		1.4 ± 1.2
(Including V4.64)	GRAN#		0.5 ± 0.2		5.0 ± 0.7		19.2 ± 1.7
	LYM %		64.1 ± 12.0		30.1 ± 8.0		11.9 ± 6.0
	MID %		11.6 ± 6.5		10.2 ± 6.5		6.0 ± 6.0
	GRAN %		24.3 ± 9.0		59.7 ± 8.0		82.1 ± 8.0
	RBC × 10 ¹² /L		2.40 ± 0.18		4.75 ± 0.24		5.69 ± 0.30
	HGB g/L		59 ± 4		138 ± 6		184 ± 8
	HCT %		17.9 ± 1.5		40.9 ± 2.0		53.3 ± 2.4
	MCV fL		74.7 ± 5.0		86.0 ± 5.0		93.6 ± 5.0
	MCH pg		24.6 ± 2.5		29.1 ± 2.5		32.3 ± 2.5
	MCHC g/L		330 ± 30		337 ± 30		345 ± 30
	RDW-CV %		22.6 ± 3.0		21.5 ± 3.0		20.1 ± 3.0
	PLT × 10 ⁹ /L		61 ± 20		249 ± 40		553 ± 60
	MPV fL		6.9 ± 3.0		7.3 ± 3.0		7.3 ± 3.0
	PDW-CV %		17.3 ± 3.0		17.0 ± 3.0		17.0 ± 3.0
URIT-2900 PLUS/BH-2900/BH-40P	WBC × 10 ⁹ /L		2.0 ± 0.5		8.1 ± 1.0		22.7 ± 2.5
/Hemalit-2900	LYM#		1.3 ± 0.3		2.4 ± 0.7		2.8 ± 1.3
V3.64.171025 And above	MID#		0.2 ± 0.2		0.7 ± 0.6		1.1 ± 1.1
(Including V3.64)	GRAN#		0.5 ± 0.2		4.9 ± 0.7		18.7 ± 1.7
	LYM %		64.3 ± 12.0		30.2 ± 8.0		12.5 ± 6.0
	MID %		10.7 ± 6.5		8.7 ± 6.5		5.0 ± 5.0
	GRAN %		25.0 ± 9.0		61.1 ± 8.0		82.5 ± 8.0
	RBC × 10 ¹² /L		2.34 ± 0.18		4.66 ± 0.24		5.61 ± 0.30
	HGB g/L		59 ± 4		139 ± 6		185 ± 8
	HCT %		17.5 ± 1.5		40.7 ± 2.0		53.7 ± 2.4
	MCV fL		74.9 ± 5.0		87.3 ± 5.0		95.7 ± 5.0
	MCH pg		25.2 ± 2.5		29.8 ± 2.5		33.0 ± 2.5
	MCHC g/L		337 ± 30		342 ± 30		345 ± 30
	RDW-CV %		19.2 ± 3.0		18.0 ± 3.0		16.7 ± 3.0
	PLT × 10 ⁹ /L		58 ± 20		229 ± 40		501 ± 60
	MPV fL		7.9 ± 3.0		7.8 ± 3.0		7.7 ± 3.0

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		LOT	B0225L	LOT	B0225N	LOT	B0225H
URIT-3000Vet plus/BH-3000Vet/ BH-70Vet/Smart 3Vet	WBC × 10 ⁹ /L		2.0 ± 0.5		8.9 ± 1.0		23.9 ± 2.5
	LYM#		1.3 ± 0.3		2.7 ± 0.7		2.9 ± 1.3
	MID#		0.2 ± 0.2		0.9 ± 0.6		0.9 ± 0.9
	GRAN#		0.5 ± 0.2		5.3 ± 0.7		20.1 ± 1.7
	LYM %		62.5 ± 12.0		30.4 ± 8.0		12.2 ± 6.0
	MID %		11.5 ± 6.5		10.0 ± 6.5		3.7 ± 3.7
	GRAN %		26.0 ± 9.0		59.6 ± 8.0		84.1 ± 8.0
	RBC × 10 ¹² /L		2.51 ± 0.18		4.95 ± 0.24		5.89 ± 0.30
	HGB g/L		52 ± 4		130 ± 6		180 ± 8
	HCT %		18.0 ± 1.5		41.1 ± 2.0		53.5 ± 2.4
	MCV fL		71.7 ± 5.0		83.1 ± 5.0		90.9 ± 5.0
	MCH pg		20.7 ± 2.5		26.3 ± 2.5		30.6 ± 2.5
	MCHC g/L		289 ± 30		316 ± 30		336 ± 30
	RDW-CV %		16.1 ± 3.0		15.3 ± 3.0		14.7 ± 3.0
PLT × 10 ⁹ /L		74 ± 20		278 ± 40		610 ± 60	
MPV fL		7.1 ± 3.0		7.3 ± 3.0		7.1 ± 3.0	
URIT-2900Vet plus/BH-2900Vet/ BH-40Vet	WBC × 10 ⁹ /L		1.9 ± 0.5		8.4 ± 1.0		22.8 ± 2.5
	LYM#		1.2 ± 0.3		2.4 ± 0.7		2.6 ± 1.3
	MID#		0.2 ± 0.2		1.0 ± 0.6		1.0 ± 1.0
	GRAN#		0.5 ± 0.2		5.0 ± 0.7		19.2 ± 1.7
	LYM %		61.6 ± 12.0		28.8 ± 8.0		11.6 ± 6.0
	MID %		12.1 ± 6.5		11.8 ± 6.5		4.2 ± 4.2
	GRAN %		26.3 ± 9.0		59.4 ± 8.0		84.2 ± 8.0
	RBC × 10 ¹² /L		2.63 ± 0.18		5.27 ± 0.24		6.22 ± 0.30
	HGB g/L		61 ± 4		150 ± 6		203 ± 8
	HCT %		18.9 ± 1.5		44.0 ± 2.0		57.1 ± 2.4
	MCV fL		71.7 ± 5.0		83.5 ± 5.0		91.8 ± 5.0
	MCH pg		23.2 ± 2.5		28.5 ± 2.5		32.6 ± 2.5
	MCHC g/L		323 ± 30		341 ± 30		356 ± 30
	RDW-CV %		16.5 ± 3.0		15.1 ± 3.0		13.9 ± 3.0
PLT × 10 ⁹ /L		79 ± 20		280 ± 40		567 ± 60	
MPV fL		7.7 ± 3.0		7.7 ± 3.0		7.3 ± 3.0	

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		LOT	B0225L	LOT	B0225N	LOT	B0225H
URIT-2900	WBC × 10 ⁹ /L		1.8 ± 0.5		8.3 ± 1.0		23.1 ± 2.5
	LYM#		1.0 ± 0.3		2.1 ± 0.7		2.3 ± 1.3
	MID#		0.3 ± 0.3		0.9 ± 0.6		1.4 ± 1.2
	GRAN#		0.5 ± 0.2		5.3 ± 0.7		19.4 ± 1.7
	LYM %		53.0 ± 12.0		25.9 ± 8.0		9.8 ± 6.0
	MID %		18.3 ± 6.5		10.4 ± 6.5		6.2 ± 6.2
	GRAN %		28.7 ± 9.0		63.7 ± 8.0		84.0 ± 8.0
	RBC × 10 ¹² /L		2.27 ± 0.18		4.62 ± 0.24		5.67 ± 0.30
	HGB g/L		62 ± 4		144 ± 6		192 ± 8
	HCT %		15.3 ± 1.5		38.4 ± 2.0		50.6 ± 2.4
	MCV fL		67.4 ± 5.0		83.1 ± 5.0		89.3 ± 5.0
	MCH pg		27.3 ± 2.5		31.2 ± 2.5		33.9 ± 2.5
	MCHC g/L		405 ± 30		375 ± 30		379 ± 30
	RDW-CV %		15.4 ± 3.0		14.5 ± 3.0		15.7 ± 3.0
	PLT × 10 ⁹ /L		58 ± 20		213 ± 40		374 ± 60
	MPV fL		9.1 ± 3.0		10.8 ± 3.0		10.2 ± 3.0

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