

Assay values and ranges provided by Genrui

ASSAY VALUES AND EXPECTED RANGES

LOT B0225

2025/05/05

Instrument	Parameter	Low		Normal		High	
		LOT	B0225L	LOT	B0225N	LOT	B0225H
Genrui KT-6400, KT-63xx, KT-6200 version 2.87	WBC	10 ⁹ /L	1.9 ± 0.5	8.0 ± 1.0		22.7 ± 2.5	
	LYM	%	56.5 ± 12.0	27.5 ± 8.0		9.9 ± 6.0	
	MID	%	9.4 ± 9.4	8.2 ± 8.2		5.3 ± 5.3	
	NEUT	%	34.2 ± 10.0	64.4 ± 8.0		84.9 ± 8.0	
	LYM#	10 ⁹ /L	1.1 ± 0.3	2.2 ± 0.7		2.2 ± 1.4	
	MID#	10 ⁹ /L	0.2 ± 0.2	0.7 ± 0.7		1.2 ± 1.2	
	NEUT#	10 ⁹ /L	0.7 ± 0.2	5.1 ± 0.7		19.3 ± 1.9	
	RBC	10 ¹² /L	2.23 ± 0.18	4.68 ± 0.24		5.85 ± 0.30	
	HGB	g/L	60 ± 4	142 ± 6		191 ± 8	
	HCT	%	16.9 ± 1.5	41.0 ± 2.0		55.9 ± 2.4	
	MCV	fL	76.2 ± 5.0	87.9 ± 5.0		95.6 ± 5.0	
	MCH	pg	26.8 ± 2.5	30.2 ± 2.5		32.7 ± 2.5	
	MCHC	g/L	353 ± 30	344 ± 30		342 ± 30	
	RDW-CV	%	17.8 ± 3.0	16.5 ± 3.0		16.3 ± 3.0	
Genrui KT-6300 VET	PLT	10 ⁹ /L	60 ± 20	237 ± 40		517 ± 60	
	MPV	fL	10.9 ± 3.0	10.6 ± 3.0		10.5 ± 3.0	
	WBC	10 ⁹ /L	1.4 ± 0.5	6.2 ± 1.0		16.8 ± 2.5	
	LYM	%	52.5 ± 12.0	25.2 ± 8.0		9.1 ± 6.0	
	MID	%	6.5 ± 6.5	4.2 ± 4.2		1.9 ± 1.9	
	NEUT	%	41.1 ± 10.0	70.5 ± 8.0		89.0 ± 8.0	
	LYM#	10 ⁹ /L	0.7 ± 0.2	1.6 ± 0.5		1.5 ± 1.1	
	MID#	10 ⁹ /L	0.1 ± 0.1	0.3 ± 0.3		0.3 ± 0.3	
	NEUT#	10 ⁹ /L	0.6 ± 0.2	4.3 ± 0.5		14.9 ± 1.4	
	RBC	10 ¹² /L	2.19 ± 0.24	4.64 ± 0.30		5.83 ± 0.40	
	HGB	g/L	58 ± 6	137 ± 8		184 ± 10	
	HCT	%	16.0 ± 2.0	38.8 ± 2.4		53.0 ± 2.7	
	MCV	fL	73.3 ± 5.0	83.9 ± 5.0		91.1 ± 5.0	
	MCH	pg	26.3 ± 2.5	29.5 ± 2.5		31.5 ± 2.5	
	MCHC	g/L	361 ± 30	353 ± 30		346 ± 30	
Genrui New KT-6300, KT-6390, KT-6400	RDW-CV	%	17.2 ± 3.0	15.9 ± 3.0		15.4 ± 3.0	
	PLT	10 ⁹ /L	45 ± 30	177 ± 40		381 ± 60	
	MPV	fL	10.4 ± 3.0	10.1 ± 3.0		9.9 ± 3.0	
	WBC	10 ⁹ /L	2.07 ± 0.50	8.39 ± 1.00		23.14 ± 2.50	
	LYM#	10 ⁹ /L	1.16 ± 0.30	2.17 ± 0.70		1.99 ± 1.40	
	MID#	10 ⁹ /L	0.26 ± 0.26	0.77 ± 0.77		1.11 ± 1.11	
	NEUT#	10 ⁹ /L	0.65 ± 0.30	5.45 ± 0.70		20.04 ± 1.90	
	LYM	%	56.0 ± 12.0	25.9 ± 8.0		8.6 ± 6.0	
	MID	%	12.7 ± 12.7	9.2 ± 9.2		4.8 ± 4.8	
	NEUT	%	31.2 ± 10.0	64.9 ± 8.0		86.6 ± 8.0	
	RBC	10 ¹² /L	2.42 ± 0.18	4.86 ± 0.24		5.84 ± 0.30	
	HGB	g/L	60 ± 4	141 ± 6		189 ± 8	
	HCT	%	19.0 ± 1.5	43.7 ± 2.0		57.5 ± 2.4	
	MCV	fL	78.6 ± 5.0	90.0 ± 5.0		98.5 ± 5.0	
	MCH	pg	24.9 ± 2.5	29.0 ± 2.5		32.4 ± 2.5	
	MCHC	g/L	317 ± 30	323 ± 30		329 ± 30	
	RDW-CV	%	16.8 ± 5.0	15.9 ± 5.0		15.6 ± 5.0	
	RDW-SD	fL	47.6 ± 10.0	52.1 ± 10.0		55.9 ± 10.0	
	PLT	10 ⁹ /L	71 ± 20	241 ± 40		489 ± 60	
	MPV	fL	7.7 ± 3.0	7.8 ± 3.0		7.9 ± 3.0	
	PDW-CV	%	14.2 ± 5.0	14.1 ± 5.0		14.1 ± 5.0	
	PDW-SD	fL	11.7 ± 5.0	11.4 ± 5.0		11.2 ± 5.0	
	PCT	%	0.054 ± 0.050	0.188 ± 0.100		0.388 ± 0.200	
	P-LCR	%	16.3 ± 15.0	17.2 ± 10.0		17.6 ± 10.0	

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

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PDW's reference value: NEW KT-6300,6390,6400(Low:17.0±10.0 Normal:17.0±10.0 High:17.0±10.0).

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ASSAY VALUES AND EXPECTED RANGES

LOT B0225

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Instrument	Parameter	Low	Normal	High
		LOT B0225L	LOT B0225N	LOT B0225H
Genrui KT-60, KT-40	WBC	10 ⁹ /L	2.08 ± 0.50	8.38 ± 1.00
	LYM#	10 ⁹ /L	1.18 ± 0.30	2.18 ± 0.70
	MID#	10 ⁹ /L	0.27 ± 0.27	0.89 ± 0.89
	NEUT#	10 ⁹ /L	0.63 ± 0.30	5.32 ± 0.70
	LYM	%	56.6 ± 12.0	26.0 ± 8.0
	MID	%	13.1 ± 13.1	10.6 ± 10.6
	NEUT	%	30.4 ± 10.0	63.5 ± 8.0
	RBC	10 ¹² /L	2.39 ± 0.18	4.86 ± 0.24
	HGB	g/L	60 ± 4	142 ± 6
	HCT	%	18.6 ± 1.5	43.2 ± 2.0
	MCV	fL	77.6 ± 5.0	88.8 ± 5.0
	MCH	pg	25.3 ± 2.5	29.2 ± 2.5
	MCHC	g/L	326 ± 30	329 ± 30
	RDW-CV	%	18.6 ± 3.0	16.9 ± 3.0
	RDW-SD	fL	55.6 ± 10.0	58.1 ± 10.0
	PLT	10 ⁹ /L	71 ± 20	250 ± 40
	MPV	fL	8.4 ± 3.0	8.8 ± 3.0
	PDW-CV	%	14.2 ± 5.0	14.3 ± 5.0
	PDW-SD	fL	12.9 ± 5.0	13.3 ± 5.0
Genrui VH30	PCT	%	0.060 ± 0.050	0.220 ± 0.100
	P-LCC	10 ⁹ /L	15 ± 15	57 ± 25
	P-LCR	%	21.1 ± 15.0	22.8 ± 10.0
	WBC	10 ⁹ /L	1.72 ± 0.50	6.86 ± 1.00
	LYM#	10 ⁹ /L	0.99 ± 0.30	1.94 ± 0.60
	MID#	10 ⁹ /L	0.21 ± 0.21	0.57 ± 0.57
	NEUT#	10 ⁹ /L	0.52 ± 0.20	4.36 ± 0.60
	LYM	%	57.8 ± 12.0	28.2 ± 8.0
	MID	%	12.1 ± 12.1	8.3 ± 8.3
	NEUT	%	30.1 ± 10.0	63.5 ± 8.0
	RBC	10 ¹² /L	2.09 ± 0.24	4.42 ± 0.30
	HGB	g/L	51 ± 6	121 ± 8
	HCT	%	16.9 ± 2.0	40.5 ± 2.4
	MCV	fL	80.5 ± 5.0	91.6 ± 5.0
	MCH	pg	24.5 ± 2.5	27.5 ± 2.5
	MCHC	g/L	305 ± 30	300 ± 30
	RDW-CV	%	18.1 ± 3.0	16.3 ± 3.0
	RDW-SD	fL	57.8 ± 10.0	60.1 ± 10.0
	PLT	10 ⁹ /L	72 ± 30	262 ± 40
	MPV	fL	8.2 ± 3.0	8.6 ± 3.0
Genrui VH40	PDW-CV	%	14.2 ± 5.0	14.3 ± 5.0
	PDW-SD	fL	12.8 ± 5.0	13.0 ± 5.0
	PCT	%	0.058 ± 0.050	0.225 ± 0.100
	P-LCC	10 ⁹ /L	14 ± 14	56 ± 25
	P-LCR	%	19.2 ± 15.0	21.6 ± 10.0
	WBC	10 ⁹ /L	1.72 ± 0.50	6.86 ± 1.00
	NEUT#	10 ⁹ /L	0.52 ± 0.20	4.36 ± 0.60
	LYM#	10 ⁹ /L	0.99 ± 0.30	1.94 ± 0.60
	MON#	10 ⁹ /L	0.08 ± 0.08	0.23 ± 0.23
	EOS#	10 ⁹ /L	0.13 ± 0.13	0.33 ± 0.33
	NEUT	%	30.1 ± 10.0	63.5 ± 8.0
	LYM	%	57.8 ± 12.0	28.2 ± 8.0
	MON	%	4.8 ± 4.8	3.3 ± 3.3
	EOS	%	7.3 ± 7.3	5.0 ± 5.0
	RBC	10 ¹² /L	2.09 ± 0.24	4.42 ± 0.30
	HGB	g/L	51 ± 6	121 ± 8
	HCT	%	16.9 ± 2.0	40.5 ± 2.4
	MCV	fL	80.5 ± 5.0	91.6 ± 5.0
	MCH	pg	24.5 ± 2.5	27.5 ± 2.5
	MCHC	g/L	305 ± 30	300 ± 30
	RDW-CV	%	18.1 ± 3.0	16.3 ± 3.0
	RDW-SD	fL	57.8 ± 10.0	60.1 ± 10.0
	PLT	10 ⁹ /L	72 ± 30	262 ± 40
	MPV	fL	8.2 ± 3.0	8.6 ± 3.0
	PDW-CV	%	14.2 ± 5.0	14.3 ± 5.0
	PDW-SD	fL	12.8 ± 5.0	13.0 ± 5.0
	PCT	%	0.058 ± 0.050	0.225 ± 0.100
	P-LCC	10 ⁹ /L	14 ± 14	56 ± 25
	P-LCR	%	19.2 ± 15.0	21.6 ± 10.0

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

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PDW's reference value:KT-60、VH30(Low:17.0±10.0 Normal:17.0±10.0 High:17.0±10.0).

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