

CBC-DH

For Genrui
HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by Genrui

ASSAY VALUES AND EXPECTED RANGES

LOT DH2301



2023/03/05

Instrument	Parameter		Low		Normal		High	
	Item	Unit	LOT	DH2301L	LOT	DH2301N	LOT	DH2301H
Genrui KT-66**,KT-65**, KT-80**,KT-65**P, KT-66**P	WBC	10 ⁹ /L		3.43 ± 0.50		8.31 ± 1.00		18.76 ± 2.50
	Neu#	10 ⁹ /L		1.78 ± 0.45		4.72 ± 1.00		12.71 ± 2.30
	Lym#	10 ⁹ /L		1.30 ± 0.35		2.47 ± 0.70		3.52 ± 1.35
	Mon#	10 ⁹ /L		0.18 ± 0.18		0.44 ± 0.44		0.67 ± 0.67
	Eos#	10 ⁹ /L		0.18 ± 0.18		0.68 ± 0.68		1.85 ± 1.85
	Bas#	10 ⁹ /L		0.10 ± 0.10		0.17 ± 0.17		0.26 ± 0.26
	Neu%			0.518 ± 0.120		0.568 ± 0.120		0.678 ± 0.120
	Lym%			0.377 ± 0.090		0.298 ± 0.080		0.188 ± 0.070
	Mon%			0.054 ± 0.054		0.053 ± 0.053		0.036 ± 0.036
	Eos%			0.051 ± 0.051		0.081 ± 0.081		0.099 ± 0.099
	Bas%			0.029 ± 0.029		0.021 ± 0.021		0.014 ± 0.014
	RBC	10 ¹² /L		2.28 ± 0.18		4.60 ± 0.24		5.39 ± 0.30
	HGB	g/L		57 ± 4		132 ± 6		167 ± 8
	HCT			0.185 ± 0.015		0.428 ± 0.020		0.546 ± 0.024
	MCV	fL		81.3 ± 5.0		93.1 ± 5.0		101.2 ± 5.0
	MCH	pg		25.0 ± 2.5		28.7 ± 2.5		30.9 ± 2.5
	MCHC	g/L		307 ± 30		309 ± 30		305 ± 30
	RDW-CV	%		0.165 ± 0.030		0.156 ± 0.030		0.150 ± 0.030
	RDW-SD	fL		49.8 ± 8.0		54.0 ± 8.0		56.0 ± 8.0
	PLT	10 ⁹ /L		43 ± 20		240 ± 40		466 ± 60
	MPV	fL		8.5 ± 3.0		8.9 ± 3.0		9.3 ± 3.0
	PDW-CV	%		0.137 ± 0.050		0.139 ± 0.050		0.139 ± 0.050
	PDW-SD	fL		12.8 ± 5.0		13.7 ± 5.0		14.5 ± 5.0
	PCT	mL/L		0.37 ± 0.37		2.13 ± 1.00		4.32 ± 2.00
P-LCC	10 ⁹ /L		9 ± 9		55 ± 25		119 ± 35	
P-LCR			0.202 ± 0.100		0.228 ± 0.100		0.256 ± 0.100	
Genrui KT-6610 VET、VH50	WBC	10 ⁹ /L		3.32 ± 0.50		8.03 ± 1.00		18.07 ± 2.50
	Neu#	10 ⁹ /L		1.69 ± 0.40		4.53 ± 1.00		12.01 ± 2.20
	Lym#	10 ⁹ /L		1.25 ± 0.30		2.41 ± 0.65		3.44 ± 1.30
	Mon#	10 ⁹ /L		0.19 ± 0.19		0.44 ± 0.44		0.86 ± 0.86
	Eos#	10 ⁹ /L		0.18 ± 0.18		0.66 ± 0.66		1.77 ± 1.77
	Bas#	10 ⁹ /L		0.12 ± 0.12		0.23 ± 0.23		0.33 ± 0.33
	Neu%			0.511 ± 0.120		0.564 ± 0.120		0.665 ± 0.120
	Lym%			0.378 ± 0.090		0.300 ± 0.080		0.190 ± 0.070
	Mon%			0.058 ± 0.058		0.055 ± 0.055		0.047 ± 0.047
	Eos%			0.054 ± 0.054		0.082 ± 0.082		0.098 ± 0.098
	Bas%			0.037 ± 0.037		0.028 ± 0.028		0.018 ± 0.018
	RBC	10 ¹² /L		1.92 ± 0.24		4.02 ± 0.30		4.65 ± 0.40
	HGB	g/L		52 ± 6		122 ± 8		154 ± 10
	HCT			0.154 ± 0.020		0.379 ± 0.024		0.479 ± 0.027
	MCV	fL		80.4 ± 5.0		94.4 ± 5.0		103.1 ± 5.0
	MCH	pg		27.2 ± 2.5		30.3 ± 2.5		33.1 ± 2.5
	MCHC	g/L		338 ± 30		321 ± 30		321 ± 30
	RDW-CV	%		0.161 ± 0.030		0.151 ± 0.030		0.143 ± 0.030
	RDW-SD	fL		54.3 ± 8.0		57.8 ± 8.0		59.4 ± 8.0
	PLT	10 ⁹ /L		57 ± 20		271 ± 40		498 ± 60
	MPV	fL		8.8 ± 3.0		9.1 ± 3.0		9.5 ± 3.0
	PDW-CV	%		0.148 ± 0.050		0.149 ± 0.050		0.147 ± 0.050
	PDW-SD	fL		14.6 ± 5.0		15.5 ± 5.0		16.2 ± 5.0
	PCT	mL/L		0.50 ± 0.50		2.47 ± 1.00		4.74 ± 2.00
P-LCC	10 ⁹ /L		13 ± 13		70 ± 25		143 ± 35	
P-LCR			0.233 ± 0.100		0.258 ± 0.100		0.287 ± 0.100	

- Notes: 1. For expiry date please refer to the label on tube. Once opened, please use within 2 weeks if kept at 2-8°C.
 2. Before using, please gently mix well.
 3. The parameters with assay values listed above are provided to allow for testing of your instrument only.
 4. All brands and products are trademarks or registered trademarks of their respective companies.
 5. PDW's reference value:KT-66**,KT-6610VET,VH50(Low:16.0±10.0 Normal:16.0±10.0 High:16.0±10.0).

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