

# CBC-DH

For Genrui  
HEMATOLOGY CONTROLS

## Assay values and ranges provided by Genrui

### ASSAY VALUES AND EXPECTED RANGES

**CONTROL**

**LOT** DH2503

 2025/05/05

Instrument	Parameter	Low	Normal	High
Item	Unit	[LOT] DH2503L	[LOT] DH2503N	[LOT] DH2503H
WBC	$10^9/L$	3.66 ± 0.50	8.34 ± 1.00	19.27 ± 2.50
Neu#	$10^9/L$	1.82 ± 0.45	4.77 ± 1.05	12.56 ± 2.35
Lym#	$10^9/L$	1.46 ± 0.35	2.41 ± 0.70	3.63 ± 1.35
Mon#	$10^9/L$	0.19 ± 0.19	0.46 ± 0.46	0.93 ± 0.93
Eos#	$10^9/L$	0.20 ± 0.20	0.69 ± 0.69	2.15 ± 2.15
Bas#	$10^9/L$	0.01 ± 0.01	0.08 ± 0.08	0.12 ± 0.12
Neu%		0.497 ± 0.120	0.572 ± 0.120	0.652 ± 0.120
Lym%		0.398 ± 0.090	0.289 ± 0.080	0.188 ± 0.070
Mon%		0.052 ± 0.052	0.055 ± 0.055	0.048 ± 0.048
Genrui	Eos%	0.053 ± 0.053	0.083 ± 0.083	0.112 ± 0.112
KT-6500 series,	Bas%	0.004 ± 0.004	0.009 ± 0.009	0.006 ± 0.006
KT-6600 series,	RBC	$10^{12}/L$	2.19 ± 0.18	4.51 ± 0.24
KT-6510 series,	HGB	g/L	56 ± 4	132 ± 6
KT-6610 series,	HCT		0.171 ± 0.015	0.399 ± 0.020
KT-6500P series,	MCV	fL	77.9 ± 5.0	88.5 ± 5.0
KT-6600P series,	MCH	pg	25.8 ± 2.5	29.4 ± 2.5
KT-6510P series,	MCHC	g/L	331 ± 30	332 ± 30
KT-6610P series	RDW-CV		0.175 ± 0.030	0.167 ± 0.030
	RDW-SD	fL	50.0 ± 8.0	53.9 ± 8.0
	PLT	$10^9/L$	51 ± 20	268 ± 40
	MPV	fL	7.7 ± 3.0	8.1 ± 3.0
	PDW-CV		0.128 ± 0.050	0.134 ± 0.050
	PDW-SD	fL	10.9 ± 5.0	11.8 ± 5.0
	PCT	mL/L	0.39 ± 0.39	2.16 ± 1.00
	P-LCC	$10^9/L$	7 ± 7	46 ± 25
	P-LCR		0.143 ± 0.100	0.172 ± 0.100
				0.144 ± 0.100
Genrui	WBC	$10^9/L$	3.68 ± 0.50	8.54 ± 1.00
	Neu#	$10^9/L$	1.77 ± 0.45	4.71 ± 1.05
	Lym#	$10^9/L$	1.57 ± 0.35	2.50 ± 0.70
	Mon#	$10^9/L$	0.14 ± 0.14	0.56 ± 0.56
	Eos#	$10^9/L$	0.21 ± 0.21	0.76 ± 0.76
	Bas#	$10^9/L$	0.01 ± 0.01	0.10 ± 0.10
	Neu%		0.480 ± 0.120	0.552 ± 0.120
	Lym%		0.426 ± 0.090	0.293 ± 0.080
	Mon%		0.038 ± 0.038	0.066 ± 0.066
	Eos%		0.056 ± 0.056	0.089 ± 0.089
	Bas%		0.003 ± 0.003	0.012 ± 0.012
KT-8000 series,	RBC	$10^{12}/L$	2.15 ± 0.18	4.45 ± 0.24
KT-8000P series,	HGB	g/L	56 ± 4	131 ± 6
KT-8010P series,	HCT		0.168 ± 0.015	0.401 ± 0.020
KT-8020P series,	MCV	fL	78.2 ± 5.0	90.1 ± 5.0
KT-8030P series	MCH	pg	26.2 ± 2.5	29.5 ± 2.5
	MCHC	g/L	335 ± 30	328 ± 30
	RDW-CV		0.178 ± 0.030	0.165 ± 0.030
	RDW-SD	fL	51.0 ± 8.0	53.7 ± 8.0
	PLT	$10^9/L$	53 ± 20	250 ± 40
	MPV	fL	8.1 ± 3.0	8.9 ± 3.0
	PDW-CV		0.126 ± 0.050	0.135 ± 0.050
	PDW-SD	fL	11.2 ± 5.0	12.8 ± 5.0
	PCT	mL/L	0.42 ± 0.42	2.22 ± 1.00
	P-LCC	$10^9/L$	9 ± 9	56 ± 25
	P-LCR		0.164 ± 0.100	0.222 ± 0.100
				0.187 ± 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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HEMATOLOGY CONTROLS

## Assay values and ranges provided by Genrui

ASSAY VALUES AND EXPECTED RANGES

CONTROL	
LOT	DH2503
	2025/05/05

Instrument	Parameter		Low		Normal		High	
	Item	Unit	[LOT]	DH2503L	[LOT]	DH2503N	[LOT]	DH2503H
Genrui KT-6610 VET、VH50	WBC	$10^9/L$		3.58 ± 0.50		8.12 ± 1.00		18.41 ± 2.50
	Neu#	$10^9/L$		1.77 ± 0.45		4.57 ± 1.00		12.06 ± 2.25
	Lym#	$10^9/L$		1.43 ± 0.35		2.36 ± 0.65		3.43 ± 1.30
	Mon#	$10^9/L$		0.18 ± 0.18		0.49 ± 0.49		0.98 ± 0.98
	Eos#	$10^9/L$		0.19 ± 0.19		0.71 ± 0.71		1.93 ± 1.93
	Bas#	$10^9/L$		0.02 ± 0.02		0.19 ± 0.19		0.24 ± 0.24
	Neu%			0.495 ± 0.120		0.562 ± 0.120		0.655 ± 0.120
	Lym%			0.400 ± 0.090		0.291 ± 0.080		0.186 ± 0.070
	Mon%			0.050 ± 0.050		0.060 ± 0.060		0.053 ± 0.053
	Eos%			0.055 ± 0.055		0.087 ± 0.087		0.105 ± 0.105
	Bas%			0.006 ± 0.006		0.024 ± 0.024		0.013 ± 0.013
	RBC	$10^{12}/L$		2.10 ± 0.24		4.34 ± 0.30		5.05 ± 0.40
	HGB	g/L		52 ± 6		123 ± 8		155 ± 10
	HCT			0.168 ± 0.020		0.405 ± 0.024		0.515 ± 0.027
	MCV	fL		80.1 ± 5.0		93.4 ± 5.0		102.0 ± 5.0
	MCH	pg		24.8 ± 2.5		28.4 ± 2.5		30.7 ± 2.5
	MCHC	g/L		310 ± 30		304 ± 30		301 ± 30
	RDW-CV			0.175 ± 0.030		0.163 ± 0.030		0.157 ± 0.030
	RDW-SD	fL		57.7 ± 8.0		60.7 ± 8.0		63.3 ± 8.0
	PLT	$10^9/L$		71 ± 20		297 ± 40		570 ± 60
	MPV	fL		8.0 ± 3.0		8.3 ± 3.0		7.8 ± 3.0
	PDW-CV			0.143 ± 0.050		0.147 ± 0.050		0.142 ± 0.050
	PDW-SD	fL		12.4 ± 5.0		13.5 ± 5.0		11.9 ± 5.0
	PCT	mL/L		0.58 ± 0.50		2.47 ± 1.00		4.46 ± 2.00
	P-LCC	$10^9/L$		13 ± 13		61 ± 25		97 ± 35
	P-LCR			0.183 ± 0.100		0.205 ± 0.100		0.170 ± 0.100

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