

CBC-DH

For Genrui
HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by Genrui

ASSAY VALUES AND EXPECTED RANGES

LOT DH2111



2022/01/05

Instrument	Parameter		Low		Normal		High	
	Item	Unit	LOT	DH2111L	LOT	DH2111N	LOT	DH2111H
Genrui KT-66**	WBC	10 ⁹ /L		3.43 ± 0.50		8.19 ± 1.00		18.98 ± 2.50
	Neu#	10 ⁹ /L		1.69 ± 0.45		4.59 ± 1.00		11.92 ± 2.30
	Lym#	10 ⁹ /L		1.27 ± 0.35		2.41 ± 0.70		3.83 ± 1.35
	Mon#	10 ⁹ /L		0.22 ± 0.22		0.48 ± 0.48		0.97 ± 0.97
	Eos#	10 ⁹ /L		0.24 ± 0.24		0.72 ± 0.72		2.26 ± 2.26
	Bas#	10 ⁹ /L		0.10 ± 0.10		0.17 ± 0.17		0.27 ± 0.27
	Neu%			0.493 ± 0.120		0.560 ± 0.120		0.628 ± 0.120
	Lym%			0.371 ± 0.090		0.294 ± 0.080		0.202 ± 0.070
	Mon%			0.064 ± 0.064		0.058 ± 0.058		0.051 ± 0.051
	Eos%			0.072 ± 0.072		0.088 ± 0.088		0.119 ± 0.119
	Bas%			0.029 ± 0.029		0.020 ± 0.020		0.014 ± 0.014
	RBC	10 ¹² /L		2.28 ± 0.18		4.67 ± 0.24		5.52 ± 0.30
	HGB	g/L		57 ± 4		132 ± 6		170 ± 8
	HCT			0.187 ± 0.015		0.433 ± 0.020		0.555 ± 0.024
	MCV	fL		82.2 ± 5.0		92.7 ± 5.0		100.6 ± 5.0
	MCH	pg		25.0 ± 2.5		28.3 ± 2.5		30.8 ± 2.5
	MCHC	g/L		305 ± 30		305 ± 30		306 ± 30
	RDW-CV	%		0.172 ± 0.030		0.162 ± 0.030		0.145 ± 0.030
	RDW-SD	fL		52.1 ± 8.0		55.7 ± 8.0		54.0 ± 8.0
	PLT	10 ⁹ /L		48 ± 20		229 ± 40		459 ± 60
MPV	fL		9.3 ± 3.0		8.9 ± 3.0		9.4 ± 3.0	
PDW-CV	%		0.144 ± 0.050		0.136 ± 0.050		0.140 ± 0.050	
PDW-SD	fL		15.6 ± 5.0		13.8 ± 5.0		14.8 ± 5.0	
PCT	mL/L		0.43 ± 0.43		2.05 ± 1.00		4.31 ± 2.00	
P-LCC	10 ⁹ /L		12 ± 12		53 ± 25		122 ± 35	
P-LCR			0.265 ± 0.100		0.230 ± 0.100		0.267 ± 0.100	
Genrui KT-6610 VET、VH50	WBC	10 ⁹ /L		3.31 ± 0.50		7.91 ± 1.00		18.26 ± 2.50
	Neu#	10 ⁹ /L		1.63 ± 0.40		4.40 ± 0.95		11.28 ± 2.20
	Lym#	10 ⁹ /L		1.24 ± 0.30		2.33 ± 0.65		3.79 ± 1.30
	Mon#	10 ⁹ /L		0.21 ± 0.21		0.48 ± 0.48		1.00 ± 1.00
	Eos#	10 ⁹ /L		0.22 ± 0.22		0.71 ± 0.71		2.18 ± 2.18
	Bas#	10 ⁹ /L		0.13 ± 0.13		0.29 ± 0.29		0.45 ± 0.45
	Neu%			0.492 ± 0.120		0.556 ± 0.120		0.618 ± 0.120
	Lym%			0.377 ± 0.090		0.294 ± 0.080		0.208 ± 0.070
	Mon%			0.064 ± 0.064		0.060 ± 0.060		0.055 ± 0.055
	Eos%			0.068 ± 0.068		0.089 ± 0.089		0.120 ± 0.120
	Bas%			0.039 ± 0.039		0.036 ± 0.036		0.025 ± 0.025
	RBC	10 ¹² /L		1.97 ± 0.24		4.15 ± 0.30		4.91 ± 0.40
	HGB	g/L		53 ± 6		123 ± 8		158 ± 10
	HCT			0.157 ± 0.020		0.383 ± 0.024		0.496 ± 0.027
	MCV	fL		79.7 ± 5.0		92.3 ± 5.0		101.0 ± 5.0
	MCH	pg		26.9 ± 2.5		29.7 ± 2.5		32.1 ± 2.5
	MCHC	g/L		338 ± 30		322 ± 30		318 ± 30
	RDW-CV	%		0.173 ± 0.030		0.158 ± 0.030		0.144 ± 0.030
	RDW-SD	fL		57.0 ± 8.0		58.9 ± 8.0		58.2 ± 8.0
	PLT	10 ⁹ /L		62 ± 20		268 ± 40		510 ± 60
MPV	fL		8.5 ± 3.0		8.0 ± 3.0		8.3 ± 3.0	
PDW-CV	%		0.136 ± 0.050		0.135 ± 0.050		0.141 ± 0.050	
PDW-SD	fL		13.1 ± 5.0		11.8 ± 5.0		12.9 ± 5.0	
PCT	mL/L		0.53 ± 0.50		2.15 ± 1.00		4.23 ± 2.00	
P-LCC	10 ⁹ /L		13 ± 13		45 ± 25		101 ± 35	
P-LCR			0.206 ± 0.100		0.169 ± 0.100		0.197 ± 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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