

CBC-DH

For Genrui
HEMATOLOGY CONTROLS

CONTROL

Assay values and ranges provided by Genrui

ASSAY VALUES AND EXPECTED RANGES

LOT DH2409



2024/11/05

Instrument	Parameter		Low		Normal		High	
	Item	Unit	LOT	DH2409L	LOT	DH2409N	LOT	DH2409H
Genrui KT-6600 series, KT-6500 series, KT-8000 series, KT-6500P series, KT-6600P series, KT-8000P series	WBC	10 ⁹ /L	3.54	± 0.50	8.32	± 1.00	19.34	± 2.50
	Neu#	10 ⁹ /L	1.80	± 0.45	4.76	± 1.00	12.95	± 2.35
	Lym#	10 ⁹ /L	1.29	± 0.35	2.38	± 0.70	3.40	± 1.40
	Mon#	10 ⁹ /L	0.23	± 0.23	0.44	± 0.44	1.14	± 1.14
	Eos#	10 ⁹ /L	0.21	± 0.21	0.74	± 0.74	1.85	± 1.85
	Bas#	10 ⁹ /L	0.03	± 0.03	0.07	± 0.07	0.18	± 0.18
	Neu%		0.509	± 0.120	0.572	± 0.120	0.670	± 0.120
	Lym%		0.366	± 0.090	0.286	± 0.080	0.176	± 0.070
	Mon%		0.065	± 0.065	0.052	± 0.052	0.059	± 0.059
	Eos%		0.060	± 0.060	0.089	± 0.089	0.096	± 0.096
	Bas%		0.007	± 0.007	0.008	± 0.008	0.009	± 0.009
	RBC	10 ¹² /L	2.15	± 0.18	4.41	± 0.24	5.06	± 0.30
	HGB	g/L	56	± 4	130	± 6	164	± 8
	HCT		0.170	± 0.015	0.390	± 0.020	0.488	± 0.024
	MCV	fL	78.9	± 5.0	88.7	± 5.0	96.4	± 5.0
	MCH	pg	26.0	± 2.5	29.6	± 2.5	32.4	± 2.5
	MCHC	g/L	330	± 30	334	± 30	336	± 30
	RDW-CV		0.175	± 0.030	0.169	± 0.030	0.158	± 0.030
	RDW-SD	fL	50.4	± 8.0	54.6	± 8.0	55.1	± 8.0
	PLT	10 ⁹ /L	52	± 20	269	± 40	506	± 60
	MPV	fL	8.8	± 3.0	8.6	± 3.0	8.7	± 3.0
	PDW-CV		0.141	± 0.050	0.137	± 0.050	0.137	± 0.050
	PDW-SD	fL	14.3	± 5.0	13.2	± 5.0	13.3	± 5.0
PCT	mL/L	0.46	± 0.46	2.31	± 1.00	4.41	± 2.00	
P-LCC	10 ⁹ /L	12	± 12	55	± 25	108	± 35	
P-LCR		0.228	± 0.100	0.206	± 0.100	0.214	± 0.100	
Genrui KT-6610 VET、VH50	WBC	10 ⁹ /L	3.46	± 0.50	8.07	± 1.00	18.64	± 2.50
	Neu#	10 ⁹ /L	1.75	± 0.45	4.59	± 1.00	12.38	± 2.25
	Lym#	10 ⁹ /L	1.30	± 0.35	2.33	± 0.65	3.33	± 1.35
	Mon#	10 ⁹ /L	0.20	± 0.20	0.45	± 0.45	1.14	± 1.14
	Eos#	10 ⁹ /L	0.21	± 0.21	0.71	± 0.71	1.80	± 1.80
	Bas#	10 ⁹ /L	0.06	± 0.06	0.07	± 0.07	0.67	± 0.67
	Neu%		0.507	± 0.120	0.568	± 0.120	0.664	± 0.120
	Lym%		0.376	± 0.090	0.288	± 0.080	0.178	± 0.070
	Mon%		0.057	± 0.057	0.055	± 0.055	0.061	± 0.061
	Eos%		0.060	± 0.060	0.088	± 0.088	0.097	± 0.097
	Bas%		0.017	± 0.017	0.008	± 0.008	0.036	± 0.036
	RBC	10 ¹² /L	1.97	± 0.24	4.13	± 0.30	4.74	± 0.40
	HGB	g/L	52	± 6	122	± 8	153	± 10
	HCT		0.159	± 0.020	0.383	± 0.024	0.480	± 0.027
	MCV	fL	80.3	± 5.0	92.8	± 5.0	101.3	± 5.0
	MCH	pg	26.3	± 2.5	29.5	± 2.5	32.3	± 2.5
	MCHC	g/L	327	± 30	318	± 30	319	± 30
	RDW-CV		0.172	± 0.030	0.165	± 0.030	0.156	± 0.030
	RDW-SD	fL	57.2	± 8.0	61.2	± 8.0	62.5	± 8.0
	PLT	10 ⁹ /L	67	± 20	295	± 40	528	± 60
	MPV	fL	9.0	± 3.0	8.7	± 3.0	8.8	± 3.0
	PDW-CV		0.150	± 0.050	0.147	± 0.050	0.147	± 0.050
	PDW-SD	fL	15.1	± 5.0	14.4	± 5.0	14.4	± 5.0
PCT	mL/L	0.60	± 0.50	2.56	± 1.00	4.62	± 2.00	
P-LCC	10 ⁹ /L	17	± 15	67	± 25	123	± 35	
P-LCR		0.250	± 0.100	0.228	± 0.100	0.232	± 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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