Günter Keul GmbH

CBC-DH®

For Zybio
HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT DH2611

2027-01-05

Instrument Model	Parameter		Low LOT DH2611L	Normal LOT DH2611N	High LOT DH2611H
Z5,Z51	WBC	10^9/L	3.45 ± 0.50	8.35 ± 1.05	19.10 ± 2.50
	Neu#	10^9/L	1.71 ± 0.35	4.72 ± 0.84	12.51 ± 2.11
	Lym#	10^9/L	1.31 ± 0.28	2.42 ± 0.67	3.72 ± 1.53
	Mon#	10^9/L	0.24 ± 0.24	0.63 ± 0.63	1.24 ± 1.24
	Eos#	10^9/L	0.19 ± 0.19	0.58 ± 0.58	1.62 ± 1.62
	Bas#	10^9/L	0.03 ± 0.03	0.13 ± 0.13	0.19 ± 0.19
	Neu%	%	49.5 ± 10.0	56.5 ± 10.0	65.5 ± 11.0
	Lym%	%	38.0 ± 8.0	29.0 ± 8.0	19.5 ± 8.0
	Mon%	%	7.0 ± 7.0	7.5 ± 7.5	6.5 ± 6.5
	Eos%	%	5.5 ± 5.5	7.0 ± 7.0	8.5 ± 8.5
	Bas%	%	1.0 ± 1.0	1.5 ± 1.5	1.0 ± 1.0
	RBC	10^{12}/L	2.34 ± 0.18	4.75 ± 0.26	5.45 ± 0.35
	HGB	g/L	63 ± 4	138 ± 6	174 ± 8
	HCT	%	17.9 ± 2.0	40.4 ± 3.0	51.0 ± 3.5
	MCV	fL	76.5 ± 4.0	85.0 ± 4.0	93.5 ± 4.0
	MCH	pg	26.9 ± 2.0	29.1 ± 2.5	31.9 ± 2.5
	MCHC	g/L	352 ± 30	342 ± 30	342 ± 30
	RDW-CV	%	17.0 ± 3.0	14.5 ± 3.0	14.0 ± 3.0
	RDW-SD	fL	52.0 ± 10.0	47.5 ± 10.0	48.0 ± 10.0
	PLT	10^9/L	59 ± 20	251 ± 45	494 ± 65
	MPV	fL	8.6 ± 3.0	8.8 ± 3.0	9.0 ± 3.0
	PDW	fL	16.0 ± 3.0	16.5 ± 3.0	16.5 ± 3.0
	PCT	%	0.055 ± 0.050	0.230 ± 0.100	0.460 ± 0.250
	P-LCC	10^9/L	10 ± 6	45 ± 25	99 ± 50
	P-LCR	%	16.5 ± 10.0	18.0 ± 10.0	20.0 ± 10.0

Notes: Before using, refer to the instruction sheet for mixing directions.CBC-DH for Zybio has 14-day open vial stability.

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Z50,Z52	WBC	10^9/L	3.47 ± 0.50	8.49 ± 1.05	19.69 ± 2.50
	Neu#	10^9/L	1.75 ± 0.36	4.79 ± 0.85	12.91 ± 2.18
	Lym#	10^9/L	1.30 ± 0.28	2.45 ± 0.68	3.74 ± 1.54
	Mon#	10^9/L	0.22 ± 0.22	0.54 ± 0.54	1.08 ± 1.08
	Eos#	10^9/L	0.21 ± 0.21	0.72 ± 0.72	1.96 ± 1.96
	Bas#	10^9/L	0.06 ± 0.06	0.22 ± 0.22	0.39 ± 0.39
	Neu%	%	50.3 ± 10.2	56.4 ± 10.0	65.6 ± 11.0
	Lym%	%	37.4 ± 7.9	28.9 ± 8.0	19.0 ± 7.8
	Mon%	%	6.2 ± 6.2	6.3 ± 6.3	5.5 ± 5.5
	Eos%	%	6.1 ± 6.1	8.4 ± 8.4	10.0 ± 10.0
	Bas%	%	1.5 ± 1.5	2.4 ± 2.4	2.0 ± 2.0
	RBC	10^{12}/L	2.27 ± 0.18	4.59 ± 0.26	5.36 ± 0.35
	HGB	g/L	61 ± 4	135 ± 6	167 ± 8
	HCT	%	17.4 ± 2.0	39.2 ± 3.0	50.1 ± 3.5
	MCV	fL	76.7 ± 4.0	85.2 ± 4.0	93.5 ± 4.0
	MCH	pg	27.2 ± 2.0	29.4 ± 2.5	31.3 ± 3.0
	MCHC	g/L	354 ± 30	345 ± 30	335 ± 30
	RDW-CV	%	16.5 ± 3.0	14.5 ± 3.0	14.3 ± 3.0
	RDW-SD	fL	48.8 ± 10.0	45.8 ± 10.0	47.0 ± 10.0
	PLT	10^9/L	57 ± 20	264 ± 45	519 ± 65
	MPV	fL	8.9 ± 3.0	9.2 ± 3.0	9.5 ± 3.0
	PDW	fL	16.2 ± 3.0	16.8 ± 3.0	16.5 ± 3.0
	PCT	%	0.060 ± 0.050	0.240 ± 0.100	0.490 ± 0.250
	P-LCC	10^9/L	10 ± 6	42 ± 24	99 ± 54
	P-LCR	%	16.1 ± 10.0	16.3 ± 10.0	18.8 ± 10.0

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EXZ 6000,EXZ 6010,EXZ 6020 EXZ 6000Pro,EXZ 6010Pro, EXZ 6020Pro	WBC	10^9/L	3.55 ± 0.50	8.65 ± 1.05	19.95 ± 2.50
	Neu#	10^9/L	1.67 ± 0.36	4.54 ± 0.87	12.17 ± 2.20
	Lym#	10^9/L	1.37 ± 0.29	2.64 ± 0.70	4.19 ± 1.60
	Mon#	10^9/L	0.30 ± 0.30	0.78 ± 0.78	1.70 ± 1.70
	Eos#	10^9/L	0.21 ± 0.21	0.69 ± 0.69	1.90 ± 1.90
	Bas#	10^9/L	0.04 ± 0.04	0.09 ± 0.09	0.20 ± 0.20
	Neu%	%	47.0 ± 10.0	52.5 ± 10.0	61.0 ± 11.0
	Lym%	%	38.5 ± 8.0	30.5 ± 8.0	21.0 ± 8.0
	Mon%	%	8.5 ± 8.5	9.0 ± 9.0	8.5 ± 8.5
	Eos%	%	6.0 ± 6.0	8.0 ± 8.0	9.5 ± 9.5
	Bas%	%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	RBC	10^{12}/L	2.31 ± 0.18	4.62 ± 0.26	5.37 ± 0.35
	HGB	g/L	62 ± 4	137 ± 6	171 ± 8
	HCT	%	17.9 ± 1.5	39.3 ± 2.0	50.5 ± 3.0
	MCV	fL	77.5 ± 4.0	85.0 ± 4.0	94.0 ± 4.0
	MCH	pg	26.8 ± 2.0	29.7 ± 2.5	31.8 ± 3.0
	MCHC	g/L	346 ± 30	349 ± 30	339 ± 35
	RDW-CV	%	17.0 ± 3.0	15.0 ± 3.0	14.5 ± 3.0
	RDW-SD	fL	51.5 ± 10.0	47.5 ± 10.0	48.0 ± 10.0
	PLT	10^9/L	61 ± 20	274 ± 45	563 ± 65
	MPV	fL	8.9 ± 3.0	8.7 ± 3.0	9.0 ± 3.0
	PDW	fL	16.5 ± 3.0	16.5 ± 3.0	16.5 ± 3.0
	PCT	%	0.060 ± 0.050	0.240 ± 0.100	0.500 ± 0.250
	P-LCC	10^9/L	11 ± 6	42 ± 27	101 ± 56
	P-LCR	%	18.0 ± 10.0	15.5 ± 10.0	18.0 ± 10.0

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