

ASSAY VALUES AND EXPECTED RANGES

LOT

 DH2509

 2025-11-05

Instrument Model	Parameter		Low	Normal	High
			LOT DH2509L	LOT DH2509N	LOT DH2509H
Z5, Z51	WBC	10 ⁹ /L	3.55 ± 0.50	8.35 ± 1.05	19.45 ± 2.50
	Neu#	10 ⁹ /L	1.79 ± 0.36	4.72 ± 0.84	12.45 ± 2.14
	Lym#	10 ⁹ /L	1.30 ± 0.29	2.46 ± 0.67	3.89 ± 1.56
	Mon#	10 ⁹ /L	0.32 ± 0.32	0.67 ± 0.67	1.46 ± 1.46
	Eos#	10 ⁹ /L	0.14 ± 0.14	0.50 ± 0.34	1.65 ± 1.65
	Bas#	10 ⁹ /L	0.11 ± 0.11	0.17 ± 0.17	0.39 ± 0.39
	Neu%	%	50.5 ± 10.0	56.5 ± 10.0	64.0 ± 11.0
	Lym%	%	36.5 ± 8.0	29.5 ± 8.0	20.0 ± 8.0
	Mon%	%	9.0 ± 9.0	8.0 ± 8.0	7.5 ± 7.5
	Eos%	%	4.0 ± 4.0	6.0 ± 4.0	8.5 ± 8.5
	Bas%	%	3.0 ± 3.0	2.0 ± 2.0	2.0 ± 2.0
	RBC	10 ¹² /L	2.25 ± 0.18	4.66 ± 0.26	5.67 ± 0.35
	HGB	g/L	59 ± 4	136 ± 6	174 ± 8
	HCT	%	17.0 ± 2.0	40.3 ± 3.0	51.6 ± 3.5
	MCV	fL	75.5 ± 4.0	86.5 ± 4.0	91.0 ± 4.0
	MCH	pg	26.2 ± 2.0	29.2 ± 2.5	30.7 ± 2.5
	MCHC	g/L	347 ± 30	337 ± 30	337 ± 30
	RDW-CV	%	16.0 ± 3.0	14.0 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	48.0 ± 10.0	47.5 ± 10.0	51.0 ± 10.0
	PLT	10 ⁹ /L	52 ± 20	251 ± 45	510 ± 65
	MPV	fL	10.5 ± 3.0	10.6 ± 3.0	10.2 ± 3.0
	PDW	fL	16.0 ± 3.0	16.0 ± 3.0	16.5 ± 3.0
	PCT	%	0.055 ± 0.050	0.260 ± 0.100	0.515 ± 0.250
	P-LCC	10 ⁹ /L	16 ± 5	75 ± 25	148 ± 51
	P-LCR	%	30.0 ± 10.0	30.0 ± 10.0	29.0 ± 10.0

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

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Instrument Model	Parameter		Low	Normal	High
			LOT DH2509L	LOT DH2509N	LOT DH2509H
Z50, Z52	WBC	10 ⁹ /L	3.40 ± 0.50	8.30 ± 1.05	19.70 ± 2.50
	Neu#	10 ⁹ /L	1.75 ± 0.34	4.77 ± 0.83	12.61 ± 2.17
	Lym#	10 ⁹ /L	1.21 ± 0.28	2.41 ± 0.67	3.94 ± 1.58
	Mon#	10 ⁹ /L	0.29 ± 0.29	0.62 ± 0.62	1.38 ± 1.38
	Eos#	10 ⁹ /L	0.15 ± 0.15	0.50 ± 0.50	1.77 ± 1.77
	Bas#	10 ⁹ /L	0.14 ± 0.14	0.17 ± 0.17	0.39 ± 0.39
	Neu%	%	51.5 ± 10.0	57.5 ± 10.0	64.0 ± 11.0
	Lym%	%	35.5 ± 8.0	29.0 ± 8.0	20.0 ± 8.0
	Mon%	%	8.5 ± 8.5	7.5 ± 7.5	7.0 ± 7.0
	Eos%	%	4.5 ± 4.5	6.0 ± 6.0	9.0 ± 9.0
	Bas%	%	4.0 ± 4.0	2.0 ± 2.0	2.0 ± 2.0
	RBC	10 ¹² /L	2.13 ± 0.18	4.49 ± 0.26	5.49 ± 0.35
	HGB	g/L	58 ± 4	132 ± 6	167 ± 8
	HCT	%	16.3 ± 2.0	39.1 ± 3.0	50.5 ± 3.5
	MCV	fL	76.5 ± 4.0	87.0 ± 4.0	92.0 ± 4.0
	MCH	pg	27.2 ± 2.0	29.4 ± 2.5	30.4 ± 3.0
	MCHC	g/L	356 ± 30	338 ± 30	331 ± 30
	RDW-CV	%	16.5 ± 3.0	14.0 ± 3.0	15.0 ± 3.0
	RDW-SD	fL	50.0 ± 10.0	48.0 ± 10.0	53.0 ± 10.0
	PLT	10 ⁹ /L	50 ± 20	251 ± 45	531 ± 65
	MPV	fL	10.9 ± 3.0	10.1 ± 3.0	10.4 ± 3.0
	PDW	fL	15.5 ± 3.0	16.0 ± 3.0	16.0 ± 3.0
	PCT	%	0.055 ± 0.050	0.270 ± 0.100	0.540 ± 0.250
	P-LCC	10 ⁹ /L	14 ± 5	68 ± 25	130 ± 53
	P-LCR	%	28.0 ± 10.0	27.0 ± 10.0	24.5 ± 10.0

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Instrument Model	Parameter		Low	Normal	High
			LOT DH2509L	LOT DH2509N	LOT DH2509H
EXZ 6000, EXZ 6010, EXZ 6020 EXZ 6000Pro, EXZ 6010Pro, EXZ 6020Pro	WBC	10 ⁹ /L	3.55 ± 0.50	8.70 ± 1.05	20.60 ± 2.50
	Neu#	10 ⁹ /L	1.63 ± 0.36	4.39 ± 0.87	11.95 ± 2.27
	Lym#	10 ⁹ /L	1.35 ± 0.29	2.78 ± 0.70	4.53 ± 1.65
	Mon#	10 ⁹ /L	0.36 ± 0.36	0.83 ± 0.83	2.06 ± 2.06
	Eos#	10 ⁹ /L	0.21 ± 0.21	0.70 ± 0.70	2.06 ± 2.06
	Bas#	10 ⁹ /L	0.05 ± 0.05	0.09 ± 0.09	0.21 ± 0.21
	Neu%	%	46.0 ± 10.0	50.5 ± 10.0	58.0 ± 11.0
	Lym%	%	38.0 ± 8.0	32.0 ± 8.0	22.0 ± 8.0
	Mon%	%	10.0 ± 10.0	9.5 ± 9.5	10.0 ± 10.0
	Eos%	%	6.0 ± 6.0	8.0 ± 8.0	10.0 ± 10.0
	Bas%	%	1.5 ± 1.5	1.0 ± 1.0	1.0 ± 1.0
	RBC	10 ¹² /L	2.23 ± 0.18	4.52 ± 0.26	5.45 ± 0.35
	HGB	g/L	59 ± 4	133 ± 6	171 ± 8
	HCT	%	16.9 ± 1.5	39.1 ± 2.0	50.1 ± 3.0
	MCV	fL	76.0 ± 4.0	86.5 ± 4.0	92.0 ± 4.0
	MCH	pg	26.5 ± 2.0	29.4 ± 2.5	31.4 ± 3.0
	MCHC	g/L	348 ± 30	340 ± 30	341 ± 35
	RDW-CV	%	16.0 ± 3.0	14.0 ± 3.0	14.5 ± 3.0
	RDW-SD	fL	47.5 ± 10.0	47.0 ± 10.0	49.5 ± 10.0
	PLT	10 ⁹ /L	57 ± 20	269 ± 45	579 ± 65
	MPV	fL	10.6 ± 3.0	10.5 ± 3.0	10.1 ± 3.0
	PDW	fL	16.5 ± 3.0	16.0 ± 3.0	16.0 ± 3.0
	PCT	%	0.060 ± 0.050	0.285 ± 0.100	0.580 ± 0.250
	P-LCC	10 ⁹ /L	16 ± 6	74 ± 27	151 ± 58
	P-LCR	%	28.0 ± 10.0	27.5 ± 10.0	26.0 ± 10.0

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