



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 8/21/2024	<i>Insight</i> Data Due Date #1: 16-Jun-24	<i>Insight</i> Data Due Date #2: 19-Jul-24	<i>Insight</i> Data Due Date #3: 21-Aug-24
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Lot Number:	41350710	41350711	41350712
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Control:	Low Abnormal	Normal	High Abnormal
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Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES						
WBC x10 ³ /μL	3.5	3.0 - 4.0	7.3	6.6 - 8.0	18.1	16.3 - 19.9
RBC x10 ⁶ /μL	2.36	2.16 - 2.56	4.40	4.14 - 4.66	5.31	5.05 - 5.57
HGB g/dL	5.8	5.4 - 6.2	12.6	11.9 - 13.3	16.9	16.1 - 17.7
HCT %	16.0	14.6 - 17.4	34.4	32.1 - 36.7	45.3	41.7 - 48.9
MCV fL	67.9	54.2 - 81.6	78.2	67.5 - 88.9	85.2	73.6 - 96.8
MCH pg	24.4	20.2 - 28.6	28.6	25.0 - 32.2	31.9	28.5 - 35.3
MCHC g/dL	35.9	30.2 - 41.6	36.6	31.5 - 41.7	37.4	32.1 - 42.7
PLT x10 ³ /μL	87	67 - 107	225	184 - 266	548	479 - 617
Lymph (W-SCR) %	19.0	15.3 - 22.7	30.5	27.5 - 33.5	33.7	30.2 - 37.2
Mixed (W-MCR) %	11.0	6.4 - 15.6	11.1	8.4 - 13.8	17.0	14.3 - 19.7
Neut (W-LCR) %	70.0	64.8 - 75.2	58.5	54.9 - 62.1	49.3	45.4 - 53.2
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.2	1.7 - 2.7	6.1	5.3 - 6.9
Mixed (W-MCC) x10 ³ /μL	0.4	0.2 - 0.6	0.8	0.6 - 1.0	3.1	2.5 - 3.7
Neut (W-LCC) x10 ³ /μL	2.5	2.1 - 2.9	4.3	3.7 - 4.9	8.9	7.8 - 10.0
RDW-SD fL	38.4	32.1 - 44.7	36.8	31.1 - 42.5	34.1	28.6 - 39.6
RDW-CV %	14.2	12.2 - 16.2	11.6	9.7 - 13.5	9.2	7.3 - 11.1
MPV fL	9.2	7.8 - 10.6	9.3	8.3 - 10.3	9.3	8.5 - 10.1
W-SMV fL	62.4	50.4 - 74.4	63.0	51.0 - 75.0	63.3	52.3 - 74.3
W-LMV fL	203.7	163.7 - 243.7	203.7	173.7 - 233.7	189.9	159.9 - 219.9
PDW fL*	8.6	4.6 - 12.6	8.6	6.0 - 11.2	8.7	7.0 - 10.4
PLCR %*	15.4	9.1 - 21.7	15.2	8.9 - 21.5	15.3	8.8 - 21.8
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.4	2.9 - 3.9	7.2	6.5 - 7.9	17.7	15.9 - 19.5
RBC x10 ⁶ /μL	2.36	2.16 - 2.56	4.39	4.13 - 4.65	5.27	5.01 - 5.53
HGB g/dL	5.5	5.1 - 5.9	12.4	11.6 - 13.2	16.7	15.8 - 17.6
HCT %	16.0	14.5 - 17.5	34.2	31.8 - 36.6	44.9	41.3 - 48.5
MCV fL	67.9	54.9 - 80.9	77.8	67.3 - 88.3	85.2	73.9 - 96.5
MCH pg	23.5	19.3 - 27.7	28.2	24.5 - 31.9	31.6	28.3 - 34.9
MCHC g/dL	34.7	29.2 - 40.2	36.3	31.4 - 41.2	37.1	32.1 - 42.1
PLT x10 ³ /μL	86	69 - 103	224	187 - 261	548	485 - 611
Lymph (W-SCR) %	18.5	14.8 - 22.2	30.1	27.0 - 33.2	33.6	30.0 - 37.2
Mixed (W-MCR) %	10.7	5.9 - 15.5	11.1	8.3 - 13.9	16.3	13.7 - 18.9
Neut (W-LCR) %	70.8	65.7 - 75.9	58.8	55.3 - 62.3	50.1	46.2 - 54.0
Lymph (W-SCC) x10 ³ /μL	0.6	0.4 - 0.8	2.2	1.7 - 2.7	6.0	5.2 - 6.8
Mixed (W-MCC) x10 ³ /μL	0.4	0.2 - 0.6	0.8	0.6 - 1.0	2.9	2.4 - 3.4
Neut (W-LCC) x10 ³ /μL	2.4	2.0 - 2.8	4.2	3.6 - 4.8	8.9	7.9 - 9.9
W-SMV fL	60.9	48.9 - 72.9	61.4	49.4 - 73.4	62.0	51.0 - 73.0
W-LMV fL	196.5	156.5 - 236.5	196.9	166.9 - 226.9	183.3	153.3 - 213.3
RDW-SD fL	37.7	31.9 - 43.5	36.8	31.4 - 42.2	33.6	28.2 - 39.0
RDW-CV %	13.9	12.2 - 15.6	11.4	9.8 - 13.0	9.1	7.4 - 10.8
PDW fL*	8.5	5.2 - 11.8	8.6	6.0 - 11.2	8.7	6.9 - 10.5
MPV fL	9.4	8.0 - 10.8	9.6	8.6 - 10.6	9.5	8.7 - 10.3
PLCR %*	16.3	10.6 - 22.0	16.5	9.5 - 23.5	16.6	9.7 - 23.5
PCT %*	0.08	0.04 - 0.12	0.21	0.03 - 0.39	0.52	0.10 - 0.94

Refer to package insert for Sysmex recommendations on setting QC targets and limits.

*PDW (fL), P-LCR (%) and PCT (%) Not FDA cleared