



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 11/13/2024	<i>Insight</i> Data Due Date #1: 08-Sep-24	<i>Insight</i> Data Due Date #2: 11-Oct-24	<i>Insight</i> Data Due Date #3: 13-Nov-24
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Lot Number:	42200710	42200711	42200712
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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	3.4	2.9 - 3.9	6.9	6.2 - 7.6	17.6	15.8 - 19.4
RBC x10 ⁶ /μL	2.45	2.25 - 2.65	4.44	4.18 - 4.70	5.37	5.11 - 5.63
HGB g/dL	6.2	5.8 - 6.6	12.8	12.1 - 13.5	16.8	16.0 - 17.6
HCT %	17.3	15.9 - 18.7	35.1	32.8 - 37.4	45.2	41.6 - 48.8
MCV fL	70.4	56.7 - 84.1	79.1	68.4 - 89.8	84.2	72.6 - 95.8
MCH pg	25.1	20.9 - 29.3	28.9	25.3 - 32.5	31.3	27.9 - 34.7
MCHC g/dL	35.7	30.0 - 41.4	36.5	31.4 - 41.6	37.2	31.9 - 42.5
PLT x10 ³ /μL	83	63 - 103	227	186 - 268	535	466 - 604
Lymph (W-SCR) %	21.1	17.4 - 24.8	30.1	27.1 - 33.1	34.8	31.3 - 38.3
Mixed (W-MCR) %	9.2	4.6 - 13.8	11.0	8.3 - 13.7	15.9	13.2 - 18.6
Neut (W-LCR) %	69.7	64.5 - 74.9	58.9	55.3 - 62.5	49.3	45.4 - 53.2
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.1	5.3 - 6.9
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.8	2.2 - 3.4
Neut (W-LCC) x10 ³ /μL	2.4	2.0 - 2.8	4.1	3.5 - 4.7	8.7	7.6 - 9.8
RDW-SD fL	35.7	29.4 - 42.0	38.2	32.5 - 43.9	33.1	27.6 - 38.6
RDW-CV %	12.7	10.7 - 14.7	11.9	10.0 - 13.8	9.1	7.2 - 11.0
MPV fL	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.4	8.6 - 10.2
W-SMV fL	60.0	48.0 - 72.0	60.5	48.5 - 72.5	61.2	50.2 - 72.2
W-LMV fL	198.9	158.9 - 238.9	199.2	169.2 - 229.2	189.6	159.6 - 219.6
PDW fL*	8.9	4.9 - 12.9	8.7	6.1 - 11.3	8.8	7.1 - 10.5
PLCR %*	16.5	10.2 - 22.8	15.8	9.5 - 22.1	15.8	9.3 - 22.3
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.2	2.7 - 3.7	6.7	6.0 - 7.4	17.1	15.3 - 18.9
RBC x10 ⁶ /μL	2.43	2.23 - 2.63	4.44	4.18 - 4.70	5.35	5.09 - 5.61
HGB g/dL	6.0	5.6 - 6.4	12.6	11.8 - 13.4	16.6	15.7 - 17.5
HCT %	17.1	15.6 - 18.6	35.0	32.6 - 37.4	45.1	41.5 - 48.7
MCV fL	70.4	57.4 - 83.4	78.8	68.3 - 89.3	84.3	73.0 - 95.6
MCH pg	24.5	20.3 - 28.7	28.5	24.8 - 32.2	30.9	27.6 - 34.2
MCHC g/dL	34.8	29.3 - 40.3	36.1	31.2 - 41.0	36.7	31.7 - 41.7
PLT x10 ³ /μL	82	65 - 99	230	193 - 267	537	474 - 600
Lymph (W-SCR) %	21.4	17.7 - 25.1	30.8	27.7 - 33.9	35.0	31.4 - 38.6
Mixed (W-MCR) %	9.1	4.3 - 13.9	10.8	8.0 - 13.6	15.5	12.9 - 18.1
Neut (W-LCR) %	69.6	64.5 - 74.7	58.4	54.9 - 61.9	49.5	45.6 - 53.4
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.0	5.2 - 6.8
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.7	0.5 - 0.9	2.7	2.2 - 3.2
Neut (W-LCC) x10 ³ /μL	2.3	1.9 - 2.7	3.9	3.3 - 4.5	8.5	7.5 - 9.5
W-SMV fL	58.7	46.7 - 70.7	59.1	47.1 - 71.1	59.9	48.9 - 70.9
W-LMV fL	192.8	152.8 - 232.8	192.8	162.8 - 222.8	183.6	153.6 - 213.6
RDW-SD fL	35.5	29.7 - 41.3	38.4	33.0 - 43.8	33.1	27.7 - 38.5
RDW-CV %	12.3	10.6 - 14.0	11.8	10.2 - 13.4	9.0	7.3 - 10.7
PDW fL*	8.8	5.5 - 12.1	8.8	6.2 - 11.4	8.9	7.1 - 10.7
MPV fL	9.5	8.1 - 10.9	9.6	8.6 - 10.6	9.5	8.7 - 10.3
PLCR %*	17.8	12.1 - 23.5	17.5	10.5 - 24.5	17.2	10.3 - 24.1
PCT %*	0.08	0.04 - 0.12	0.22	0.04 - 0.40	0.51	0.09 - 0.93

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

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