



# EIGHTCHECK-3WP X-TRA™

## HEMATOLOGY CONTROL

<b>Expiration Date:</b> 8/21/2024	<i>Insight</i> <b>Data Due Date #1:</b> 16-Jun-24	<i>Insight</i> <b>Data Due Date #2:</b> 19-Jul-24	<i>Insight</i> <b>Data Due Date #3:</b> 21-Aug-24
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<b>Lot Number:</b>	<b>41360710</b>	<b>41360711</b>	<b>41360712</b>
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<b>Control:</b>	<b>Low Abnormal</b>	<b>Normal</b>	<b>High Abnormal</b>
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Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
<b>Sysmex® KX-SERIES</b>						
WBC x10 <sup>3</sup> /μL	3.4	2.9 - 3.9	7.2	6.5 - 7.9	18.8	17.0 - 20.6
RBC x10 <sup>6</sup> /μL	2.33	2.13 - 2.53	4.38	4.12 - 4.64	5.33	5.07 - 5.59
HGB g/dL	5.6	5.2 - 6.0	12.7	12.0 - 13.4	17.4	16.6 - 18.2
HCT %	15.6	14.2 - 17.0	34.3	32.0 - 36.6	46.1	42.5 - 49.7
MCV fL	66.8	53.1 - 80.5	78.2	67.5 - 88.9	86.5	74.9 - 98.1
MCH pg	23.9	19.7 - 28.1	28.9	25.3 - 32.5	32.6	29.2 - 36.0
MCHC g/dL	35.8	30.1 - 41.5	36.9	31.8 - 42.0	37.6	32.3 - 42.9
PLT x10 <sup>3</sup> /μL	83	63 - 103	228	187 - 269	544	475 - 613
Lymph (W-SCR) %	20.6	16.9 - 24.3	31.4	28.4 - 34.4	35.1	31.6 - 38.6
Mixed (W-MCR) %	9.6	5.0 - 14.2	11.6	8.9 - 14.3	16.2	13.5 - 18.9
Neut (W-LCR) %	69.9	64.7 - 75.1	57.0	53.4 - 60.6	48.8	44.9 - 52.7
Lymph (W-SCC) x10 <sup>3</sup> /μL	0.7	0.5 - 0.9	2.3	1.8 - 2.8	6.6	5.8 - 7.4
Mixed (W-MCC) x10 <sup>3</sup> /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	3.0	2.4 - 3.6
Neut (W-LCC) x10 <sup>3</sup> /μL	2.4	2.0 - 2.8	4.1	3.5 - 4.7	9.2	8.1 - 10.3
RDW-SD fL	38.7	32.4 - 45.0	37.0	31.3 - 42.7	34.4	28.9 - 39.9
RDW-CV %	14.6	12.6 - 16.6	11.5	9.6 - 13.4	9.2	7.3 - 11.1
MPV fL	9.1	7.7 - 10.5	9.2	8.2 - 10.2	9.2	8.4 - 10.0
W-SMV fL	62.5	50.5 - 74.5	63.1	51.1 - 75.1	63.1	52.1 - 74.1
W-LMV fL	203.4	163.4 - 243.4	203.8	173.8 - 233.8	189.9	159.9 - 219.9
PDW fL*	8.7	4.7 - 12.7	8.5	5.9 - 11.1	8.7	7.0 - 10.4
PLCR %*	15.0	8.7 - 21.3	14.3	8.0 - 20.6	14.6	8.1 - 21.1
<b>Sysmex® XP-SERIES</b>						
WBC x10 <sup>3</sup> /μL	3.3	2.8 - 3.8	7.1	6.4 - 7.8	18.5	16.7 - 20.3
RBC x10 <sup>6</sup> /μL	2.32	2.12 - 2.52	4.38	4.12 - 4.64	5.32	5.06 - 5.58
HGB g/dL	5.3	4.9 - 5.7	12.5	11.7 - 13.3	17.1	16.2 - 18.0
HCT %	15.5	14.0 - 17.0	34.1	31.7 - 36.5	46.0	42.4 - 49.6
MCV fL	66.8	53.8 - 79.8	77.9	67.4 - 88.4	86.6	75.3 - 97.9
MCH pg	22.9	18.7 - 27.1	28.4	24.7 - 32.1	32.2	28.9 - 35.5
MCHC g/dL	34.4	28.9 - 39.9	36.5	31.6 - 41.4	37.2	32.2 - 42.2
PLT x10 <sup>3</sup> /μL	82	65 - 99	232	195 - 269	547	484 - 610
Lymph (W-SCR) %	20.5	16.8 - 24.2	31.1	28.0 - 34.2	35.0	31.4 - 38.6
Mixed (W-MCR) %	9.4	4.6 - 14.2	11.3	8.5 - 14.1	15.5	12.9 - 18.1
Neut (W-LCR) %	70.1	65.0 - 75.2	57.7	54.2 - 61.2	49.6	45.7 - 53.5
Lymph (W-SCC) x10 <sup>3</sup> /μL	0.7	0.5 - 0.9	2.2	1.7 - 2.7	6.5	5.7 - 7.3
Mixed (W-MCC) x10 <sup>3</sup> /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.9	2.4 - 3.4
Neut (W-LCC) x10 <sup>3</sup> /μL	2.3	1.9 - 2.7	4.1	3.5 - 4.7	9.2	8.2 - 10.2
W-SMV fL	61.0	49.0 - 73.0	61.5	49.5 - 73.5	61.8	50.8 - 72.8
W-LMV fL	196.3	156.3 - 236.3	196.7	166.7 - 226.7	183.3	153.3 - 213.3
RDW-SD fL	37.8	32.0 - 43.6	37.1	31.7 - 42.5	34.1	28.7 - 39.5
RDW-CV %	14.2	12.5 - 15.9	11.3	9.7 - 12.9	9.2	7.5 - 10.9
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	9.5	8.5 - 10.5	9.5	8.7 - 10.3
PLCR %*	16.3	10.6 - 22.0	15.8	8.8 - 22.8	15.9	9.0 - 22.8
PCT %*	0.08	0.04 - 0.12	0.22	0.04 - 0.40	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