



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 5/29/2024	<i>Insight</i> Data Due Date #1: 24-Mar-24	<i>Insight</i> Data Due Date #2: 26-Apr-24	<i>Insight</i> Data Due Date #3: 29-May-24
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Lot Number:	40520710	40520711	40520712
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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	3.3	2.8 - 3.8	7.2	6.5 - 7.9	18.4	16.6 - 20.2
RBC x10 ⁶ /μL	2.36	2.16 - 2.56	4.38	4.12 - 4.64	5.35	5.09 - 5.61
HGB g/dL	5.6	5.2 - 6.0	12.6	11.9 - 13.3	16.9	16.1 - 17.7
HCT %	16.0	14.6 - 17.4	34.5	32.2 - 36.8	45.7	42.1 - 49.3
MCV fL	67.8	54.1 - 81.5	78.7	68.0 - 89.4	85.5	73.9 - 97.1
MCH pg	23.7	19.5 - 27.9	28.7	25.1 - 32.3	31.6	28.2 - 35.0
MCHC g/dL	35.0	29.3 - 40.7	36.4	31.3 - 41.5	37.0	31.7 - 42.3
PLT x10 ³ /μL	81	61 - 101	222	181 - 263	529	460 - 598
Lymph (W-SCR) %	19.4	15.7 - 23.1	30.4	27.4 - 33.4	35.6	32.1 - 39.1
Mixed (W-MCR) %	10.6	6.0 - 15.2	11.6	8.9 - 14.3	15.9	13.2 - 18.6
Neut (W-LCR) %	70.0	64.8 - 75.2	58.0	54.4 - 61.6	48.5	44.6 - 52.4
Lymph (W-SCC) x10 ³ /μL	0.6	0.4 - 0.8	2.2	1.7 - 2.7	6.6	5.8 - 7.4
Mixed (W-MCC) x10 ³ /μL	0.4	0.2 - 0.6	0.8	0.6 - 1.0	2.9	2.3 - 3.5
Neut (W-LCC) x10 ³ /μL	2.3	1.9 - 2.7	4.2	3.6 - 4.8	8.9	7.8 - 10.0
RDW-SD fL	37.0	30.7 - 43.3	37.7	32.0 - 43.4	35.0	29.5 - 40.5
RDW-CV %	13.6	11.6 - 15.6	11.7	9.8 - 13.6	9.5	7.6 - 11.4
MPV fL	9.0	7.6 - 10.4	9.0	8.0 - 10.0	9.0	8.2 - 9.8
W-SMV fL	61.1	49.1 - 73.1	61.5	49.5 - 73.5	61.8	50.8 - 72.8
W-LMV fL	198.4	158.4 - 238.4	199.5	169.5 - 229.5	199.8	169.8 - 229.8
PDW fL*	8.7	4.7 - 12.7	8.5	5.9 - 11.1	8.7	7.0 - 10.4
PLCR %*	15.1	8.8 - 21.4	13.8	7.5 - 20.1	13.8	7.3 - 20.3
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.3	2.8 - 3.8	7.1	6.4 - 7.8	18.1	16.3 - 19.9
RBC x10 ⁶ /μL	2.36	2.16 - 2.56	4.41	4.15 - 4.67	5.35	5.09 - 5.61
HGB g/dL	5.4	5.0 - 5.8	12.3	11.5 - 13.1	16.6	15.7 - 17.5
HCT %	16.0	14.5 - 17.5	34.6	32.2 - 37.0	45.8	42.2 - 49.4
MCV fL	67.9	54.9 - 80.9	78.5	68.0 - 89.0	85.7	74.4 - 97.0
MCH pg	23.0	18.8 - 27.2	27.9	24.2 - 31.6	31.1	27.8 - 34.4
MCHC g/dL	33.8	28.3 - 39.3	35.6	30.7 - 40.5	36.3	31.3 - 41.3
PLT x10 ³ /μL	79	62 - 96	220	183 - 257	527	464 - 590
Lymph (W-SCR) %	19.5	15.8 - 23.2	30.2	27.1 - 33.3	35.7	32.1 - 39.3
Mixed (W-MCR) %	10.9	6.1 - 15.7	10.9	8.1 - 13.7	15.8	13.2 - 18.4
Neut (W-LCR) %	69.6	64.5 - 74.7	58.9	55.4 - 62.4	48.5	44.6 - 52.4
Lymph (W-SCC) x10 ³ /μL	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.5	5.7 - 7.3
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	2.3	1.9 - 2.7	4.2	3.6 - 4.8	8.8	7.8 - 9.8
W-SMV fL	59.1	47.1 - 71.1	59.6	47.6 - 71.6	59.4	48.4 - 70.4
W-LMV fL	191.0	151.0 - 231.0	191.4	161.4 - 221.4	192.1	162.1 - 222.1
RDW-SD fL	37.1	31.3 - 42.9	38.0	32.6 - 43.4	34.7	29.3 - 40.1
RDW-CV %	13.7	12.0 - 15.4	11.7	10.1 - 13.3	9.6	7.9 - 11.3
PDW fL*	8.4	5.1 - 11.7	8.5	5.9 - 11.1	8.5	6.7 - 10.3
MPV fL	9.1	7.7 - 10.5	9.2	8.2 - 10.2	9.2	8.4 - 10.0
PLCR %*	15.2	9.5 - 20.9	14.7	7.7 - 21.7	14.6	7.7 - 21.5
PCT %*	0.07	0.03 - 0.11	0.20	0.02 - 0.38	0.49	0.07 - 0.91

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

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