



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
--------------------------------------	--	--	--

Lot Number:	40510710	40510711	40510712
--------------------	-----------------	-----------------	-----------------

Control:	Low Abnormal	Normal	High Abnormal
-----------------	---------------------	---------------	----------------------

Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES						
WBC x10 ³ /μL	3.5	3.0 - 4.0	7.1	6.4 - 7.8	18.4	16.6 - 20.2
RBC x10 ⁶ /μL	2.34	2.14 - 2.54	4.41	4.15 - 4.67	5.35	5.09 - 5.61
HGB g/dL	5.7	5.3 - 6.1	12.2	11.5 - 12.9	15.5	14.7 - 16.3
HCT %	16.2	14.8 - 17.6	33.9	31.6 - 36.2	42.8	39.2 - 46.4
MCV fL	69.2	55.5 - 82.9	76.8	66.1 - 87.5	80.1	68.5 - 91.7
MCH pg	24.3	20.1 - 28.5	27.6	24.0 - 31.2	29.0	25.6 - 32.4
MCHC g/dL	35.2	29.5 - 40.9	36.0	30.9 - 41.1	36.2	30.9 - 41.5
PLT x10 ³ /μL	88	68 - 108	228	187 - 269	553	484 - 622
Lymph (W-SCR) %	19.9	16.2 - 23.6	29.6	26.6 - 32.6	35.1	31.6 - 38.6
Mixed (W-MCR) %	10.4	5.8 - 15.0	11.0	8.3 - 13.7	15.8	13.1 - 18.5
Neut (W-LCR) %	69.8	64.6 - 75.0	59.5	55.9 - 63.1	49.1	45.2 - 53.0
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.4	5.6 - 7.2
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	2.4	2.0 - 2.8	4.2	3.6 - 4.8	9.0	7.9 - 10.1
RDW-SD fL	39.5	33.2 - 45.8	37.8	32.1 - 43.5	40.8	35.3 - 46.3
RDW-CV %	14.6	12.6 - 16.6	11.9	10.0 - 13.8	12.9	11.0 - 14.8
MPV fL	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.4	8.6 - 10.2
W-SMV fL	60.7	48.7 - 72.7	61.4	49.4 - 73.4	61.6	50.6 - 72.6
W-LMV fL	198.4	158.4 - 238.4	198.9	168.9 - 228.9	199.8	169.8 - 229.8
PDW fL*	9.1	5.1 - 13.1	9.0	6.4 - 11.6	9.0	7.3 - 10.7
PLCR %*	17.4	11.1 - 23.7	16.7	10.4 - 23.0	16.8	10.3 - 23.3
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.4	2.9 - 3.9	7.0	6.3 - 7.7	18.1	16.3 - 19.9
RBC x10 ⁶ /μL	2.33	2.13 - 2.53	4.43	4.17 - 4.69	5.38	5.12 - 5.64
HGB g/dL	5.5	5.1 - 5.9	12.0	11.2 - 12.8	15.3	14.4 - 16.2
HCT %	16.3	14.8 - 17.8	34.0	31.6 - 36.4	43.2	39.6 - 46.8
MCV fL	69.7	56.7 - 82.7	76.8	66.3 - 87.3	80.4	69.1 - 91.7
MCH pg	23.6	19.4 - 27.8	27.0	23.3 - 30.7	28.4	25.1 - 31.7
MCHC g/dL	33.9	28.4 - 39.4	35.2	30.3 - 40.1	35.4	30.4 - 40.4
PLT x10 ³ /μL	84	67 - 101	229	192 - 266	556	493 - 619
Lymph (W-SCR) %	20.1	16.4 - 23.8	29.9	26.8 - 33.0	35.0	31.4 - 38.6
Mixed (W-MCR) %	9.6	4.8 - 14.4	10.7	7.9 - 13.5	15.3	12.7 - 17.9
Neut (W-LCR) %	70.3	65.2 - 75.4	59.4	55.9 - 62.9	49.7	45.8 - 53.6
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.3	5.5 - 7.1
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.8	2.3 - 3.3
Neut (W-LCC) x10 ³ /μL	2.4	2.0 - 2.8	4.2	3.6 - 4.8	9.0	8.0 - 10.0
W-SMV fL	59.3	47.3 - 71.3	59.6	47.6 - 71.6	59.5	48.5 - 70.5
W-LMV fL	191.0	151.0 - 231.0	191.6	161.6 - 221.6	191.9	161.9 - 221.9
RDW-SD fL	39.6	33.8 - 45.4	37.7	32.3 - 43.1	41.0	35.6 - 46.4
RDW-CV %	14.2	12.5 - 15.9	11.8	10.2 - 13.4	13.0	11.3 - 14.7
PDW fL*	9.0	5.7 - 12.3	8.9	6.3 - 11.5	9.0	7.2 - 10.8
MPV fL	9.6	8.2 - 11.0	9.7	8.7 - 10.7	9.7	8.9 - 10.5
PLCR %*	18.5	12.8 - 24.2	18.7	11.7 - 25.7	18.1	11.2 - 25.0
PCT %*	0.08	0.04 - 0.12	0.22	0.04 - 0.40	0.54	0.12 - 0.96

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

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