



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 10/23/2019	<i>Insight</i> Data Due Date #1: 18-Aug-19	<i>Insight</i> Data Due Date #2: 20-Sep-19	<i>Insight</i> Data Due Date #3: 23-Oct-19			
Lot Number:	91980710	91980711	91980712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES						
WBC x10 ³ /μL	3.4	2.9 - 3.9	7.1	6.4 - 7.8	18.2	16.4 - 20.0
RBC x10 ⁶ /μL	2.31	2.11 - 2.51	4.33	4.07 - 4.59	5.19	4.93 - 5.45
HGB g/dL	6.1	5.7 - 6.5	12.4	11.7 - 13.1	16.4	15.6 - 17.2
HCT %	16.8	15.4 - 18.2	33.2	30.9 - 35.5	43.0	39.6 - 46.4
MCV fL	72.7	61.2 - 86.5	76.7	67.3 - 87.3	82.9	72.6 - 94.2
MCH pg	26.4	22.8 - 30.7	28.6	25.4 - 32.3	31.6	28.6 - 34.9
MCHC g/dL	36.3	31.5 - 42.1	37.3	32.8 - 42.6	38.1	33.5 - 43.5
PLT x10 ³ /μL	56	38 - 74	230	189 - 271	544	473 - 615
Lymph (W-SCR) %	24.8	21.1 - 28.5	30.8	27.7 - 33.9	34.6	31.1 - 38.1
Mixed (W-MCR) %	10.1	5.6 - 14.6	10.5	7.9 - 13.1	16.2	13.4 - 19.0
Neut (W-LCR) %	65.1	59.9 - 70.3	58.7	55.2 - 62.2	49.2	45.3 - 53.1
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.1	2.2	1.6 - 2.7	6.3	5.5 - 7.1
Mixed (W-MCC) x10 ³ /μL	0.3	0.2 - 0.5	0.8	0.6 - 0.9	3.0	2.4 - 3.5
Neut (W-LCC) x10 ³ /μL	2.2	1.8 - 2.7	4.2	3.5 - 4.8	9.0	7.9 - 10.0
RDW-SD fL	35.1	29.1 - 41.1	35.3	29.7 - 40.9	33.9	28.8 - 39.0
RDW-CV %	11.8	9.9 - 13.7	10.9	9.0 - 12.8	9.4	7.7 - 11.1
MPV fL	9.4	7.9 - 10.9	9.4	8.4 - 10.4	9.5	8.6 - 10.4
W-SMV fL	60.3	51.3 - 69.3	60.7	54.0 - 67.4	61.1	55.0 - 67.2
W-LMV fL	199.7	183.7 - 215.7	199.8	183.8 - 215.8	200.3	185.3 - 215.3
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.1	2.6 - 3.6	7.0	6.3 - 7.7	17.8	16.0 - 19.6
RBC x10 ⁶ /μL	2.31	2.11 - 2.51	4.35	4.09 - 4.61	5.18	4.92 - 5.44
HGB g/dL	5.9	5.5 - 6.3	12.1	11.3 - 12.9	15.9	15.0 - 16.8
HCT %	17.0	15.5 - 18.5	33.7	31.3 - 36.1	43.2	39.6 - 46.8
MCV fL	73.6	60.6 - 86.6	77.5	67.0 - 88.0	83.4	72.1 - 94.7
MCH pg	25.5	21.3 - 29.7	27.8	24.1 - 31.5	30.7	27.4 - 34.0
MCHC g/dL	34.7	29.2 - 40.2	35.9	31.0 - 40.8	36.8	31.8 - 41.8
PLT x10 ³ /μL	58	41 - 75	232	195 - 269	547	484 - 610
Lymph (W-SCR) %	25.0	21.3 - 28.7	31.0	27.9 - 34.1	35.0	31.4 - 38.6
Mixed (W-MCR) %	9.6	4.8 - 14.4	10.8	8.0 - 13.6	16.4	13.8 - 19.0
Neut (W-LCR) %	65.4	60.3 - 70.5	58.2	54.7 - 61.7	48.6	44.7 - 52.5
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.0	2.2	1.7 - 2.7	6.2	5.4 - 7.0
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.9	2.4 - 3.4
Neut (W-LCC) x10 ³ /μL	2.0	1.6 - 2.4	4.0	3.4 - 4.6	8.7	7.7 - 9.7
W-SMV fL	63.9	54.3 - 73.5	64.0	57.0 - 71.0	64.3	57.9 - 70.7
W-LMV fL	207.9	192.6 - 223.2	209.1	193.8 - 224.4	209.6	195.3 - 223.9
RDW-SD fL	35.1	29.3 - 40.9	35.3	29.9 - 40.7	33.5	28.1 - 38.9
RDW-CV %	11.5	9.8 - 13.2	10.8	9.2 - 12.4	9.2	7.5 - 10.9
MPV fL	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.5	8.7 - 10.3

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