



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 1/15/2020	<i>Insight</i> Data Due Date #1: 10-Nov-19	<i>Insight</i> Data Due Date #2: 13-Dec-19	<i>Insight</i> Data Due Date #3: 15-Jan-20			
Lot Number:	92810710	92810711	92810712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES						
WBC x10 ³ /μL	3.3	2.8 - 3.8	7.0	6.3 - 7.7	17.8	16.0 - 19.6
RBC x10 ⁶ /μL	2.33	2.12 - 2.54	4.34	4.08 - 4.60	5.25	4.99 - 5.51
HGB g/dL	5.9	5.5 - 6.3	12.1	11.4 - 12.8	16.5	15.7 - 17.3
HCT %	16.5	15.1 - 17.9	32.7	30.4 - 35.0	43.8	40.3 - 47.3
MCV fL	70.8	59.6 - 84.2	75.3	66.1 - 85.8	83.4	73.1 - 94.8
MCH pg	25.3	21.9 - 29.4	27.9	24.7 - 31.4	31.4	28.4 - 34.7
MCHC g/dL	35.8	31.0 - 41.4	37.0	32.5 - 42.2	37.7	33.1 - 43.0
PLT x10 ³ /μL	56	38 - 74	226	185 - 267	535	465 - 605
Lymph (W-SCR) %	25.2	21.4 - 29.0	29.8	26.8 - 32.8	35.5	32.0 - 39.1
Mixed (W-MCR) %	9.8	5.4 - 14.2	10.7	8.0 - 13.4	15.2	12.6 - 17.8
Neut (W-LCR) %	65.0	59.8 - 70.2	59.5	55.9 - 63.1	49.3	45.4 - 53.2
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.1	2.1	1.6 - 2.6	6.3	5.6 - 7.1
Mixed (W-MCC) x10 ³ /μL	0.3	0.2 - 0.5	0.8	0.6 - 0.9	2.7	2.2 - 3.2
Neut (W-LCC) x10 ³ /μL	2.2	1.7 - 2.6	4.2	3.5 - 4.8	8.8	7.7 - 9.8
RDW-SD fL	39.0	32.4 - 45.6	36.0	30.2 - 41.8	36.0	30.6 - 41.4
RDW-CV %	13.7	11.5 - 15.9	11.4	9.5 - 13.3	10.1	8.3 - 11.9
MPV fL	9.5	8.0 - 11.0	9.6	8.5 - 10.7	9.6	8.7 - 10.5
W-SMV fL	61.8	52.5 - 71.1	61.7	54.9 - 68.5	62.0	55.8 - 68.2
W-LMV fL	195.7	180.0 - 211.4	196.0	180.3 - 211.7	196.4	181.7 - 211.1
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.1	2.6 - 3.6	6.9	6.2 - 7.6	17.5	15.7 - 19.3
RBC x10 ⁶ /μL	2.33	2.13 - 2.53	4.36	4.10 - 4.62	5.24	4.98 - 5.50
HGB g/dL	5.7	5.3 - 6.1	11.7	10.9 - 12.5	16.0	15.1 - 16.9
HCT %	16.6	15.1 - 18.1	33.1	30.7 - 35.5	44.1	40.5 - 47.7
MCV fL	71.2	58.2 - 84.2	75.9	65.4 - 86.4	84.2	72.9 - 95.5
MCH pg	24.5	20.3 - 28.7	26.8	23.1 - 30.5	30.5	27.2 - 33.8
MCHC g/dL	34.3	28.8 - 39.8	35.3	30.4 - 40.2	36.3	31.3 - 41.3
PLT x10 ³ /μL	56	39 - 73	231	194 - 268	542	479 - 605
Lymph (W-SCR) %	25.5	21.8 - 29.2	29.8	26.7 - 32.9	35.6	32.0 - 39.2
Mixed (W-MCR) %	10.2	5.4 - 15.0	11.2	8.4 - 14.0	16.0	13.4 - 18.6
Neut (W-LCR) %	64.3	59.2 - 69.4	59.0	55.5 - 62.5	48.4	44.5 - 52.3
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.0	2.1	1.6 - 2.6	6.2	5.4 - 7.0
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.8	2.3 - 3.3
Neut (W-LCC) x10 ³ /μL	2.0	1.6 - 2.4	4.0	3.4 - 4.6	8.5	7.5 - 9.5
W-SMV fL	64.9	55.3 - 74.5	64.3	57.3 - 71.3	64.5	58.1 - 70.9
W-LMV fL	203.5	188.2 - 218.8	204.2	188.9 - 219.5	204.6	190.3 - 218.9
RDW-SD fL	38.8	33.0 - 44.6	35.9	30.5 - 41.3	36.2	30.8 - 41.6
RDW-CV %	13.4	11.7 - 15.1	11.3	9.7 - 12.9	10.1	8.4 - 11.8
MPV fL	9.5	8.1 - 10.9	9.5	8.5 - 10.5	9.6	8.8 - 10.4

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