



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:	92820710	92820711	92820712			
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	7.0	6.3 - 7.7	17.9	16.1 - 19.7
RBC x10 ⁶ /μL	2.34	2.13 - 2.55	4.33	4.07 - 4.59	5.27	5.01 - 5.53
HGB g/dL	5.9	5.5 - 6.3	12.5	11.8 - 13.3	16.3	15.5 - 17.1
HCT %	16.5	15.1 - 17.9	33.4	31.1 - 35.7	43.1	39.7 - 46.5
MCV fL	70.5	59.3 - 83.9	77.1	67.7 - 87.8	81.8	71.7 - 93.0
MCH pg	25.2	21.8 - 29.3	28.9	25.6 - 32.6	30.9	28.0 - 34.2
MCHC g/dL	35.8	31.0 - 41.4	37.4	32.9 - 42.7	37.8	33.3 - 43.2
PLT x10 ³ /μL	57	38 - 76	229	188 - 270	527	458 - 596
Lymph (W-SCR) %	25.4	21.6 - 29.2	29.0	26.1 - 31.9	35.0	31.5 - 38.5
Mixed (W-MCR) %	10.6	5.8 - 15.4	10.8	8.1 - 13.5	15.5	12.9 - 18.1
Neut (W-LCR) %	64.0	58.9 - 69.1	60.2	56.6 - 63.8	49.5	45.5 - 53.5
Lymph (W-SCC) x10 ³ /μL	0.9	0.6 - 1.1	2.0	1.5 - 2.5	6.3	5.5 - 7.0
Mixed (W-MCC) x10 ³ /μL	0.4	0.2 - 0.5	0.8	0.6 - 1.0	2.8	2.2 - 3.3
Neut (W-LCC) x10 ³ /μL	2.2	1.7 - 2.6	4.2	3.6 - 4.8	8.9	7.8 - 9.9
RDW-SD fL	36.5	30.3 - 42.7	33.3	28.0 - 38.6	35.1	29.8 - 40.4
RDW-CV %	12.5	10.5 - 14.5	9.9	8.2 - 11.6	10.2	8.4 - 12.0
MPV fL	9.9	8.3 - 11.5	9.8	8.7 - 10.9	9.8	8.9 - 10.7
W-SMV fL	61.7	52.4 - 71.0	61.7	54.9 - 68.5	62.2	56.0 - 68.4
W-LMV fL	196.2	180.5 - 211.9	196.8	181.1 - 212.5	197.1	182.3 - 211.9
Sysmex® XP-SERIES						
WBC x10 ³ /μL	3.2	2.7 - 3.7	6.9	6.2 - 7.6	17.5	15.7 - 19.3
RBC x10 ⁶ /μL	2.34	2.14 - 2.54	4.35	4.09 - 4.61	5.25	4.99 - 5.51
HGB g/dL	5.7	5.3 - 6.1	12.1	11.3 - 12.9	15.7	14.8 - 16.6
HCT %	16.6	15.1 - 18.1	34.0	31.6 - 36.4	43.4	39.8 - 47.0
MCV fL	70.9	57.9 - 83.9	78.2	67.7 - 88.7	82.7	71.4 - 94.0
MCH pg	24.4	20.2 - 28.6	27.8	24.1 - 31.5	29.9	26.6 - 33.2
MCHC g/dL	34.3	28.8 - 39.8	35.6	30.7 - 40.5	36.2	31.2 - 41.2
PLT x10 ³ /μL	58	41 - 75	234	197 - 271	533	470 - 596
Lymph (W-SCR) %	25.9	22.2 - 29.6	29.0	25.9 - 32.1	34.9	31.3 - 38.5
Mixed (W-MCR) %	10.9	6.1 - 15.7	11.5	8.7 - 14.3	16.2	13.6 - 18.8
Neut (W-LCR) %	63.2	58.1 - 68.3	59.5	56.0 - 63.0	48.9	45.0 - 52.8
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.0	2.0	1.5 - 2.5	6.1	5.3 - 6.9
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	2.1	1.7 - 2.5	4.1	3.5 - 4.7	8.6	7.6 - 9.6
W-SMV fL	64.5	54.9 - 74.1	64.4	57.4 - 71.4	64.7	58.3 - 71.1
W-LMV fL	204.3	189.0 - 219.6	204.9	189.6 - 220.2	204.9	190.6 - 219.2
RDW-SD fL	36.5	30.7 - 42.3	33.7	28.3 - 39.1	35.0	29.6 - 40.4
RDW-CV %	12.4	10.7 - 14.1	9.9	8.3 - 11.5	10.0	8.3 - 11.7
MPV fL	9.9	8.5 - 11.3	9.8	8.8 - 10.8	9.9	9.1 - 10.7

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