



# EIGHTCHECK-3WP X-TRA™

## HEMATOLOGY CONTROL

<b>Expiration Date:</b> 10/23/2019	<i>Insight</i> <b>Data Due Date #1:</b> 18-Aug-19	<i>Insight</i> <b>Data Due Date #2:</b> 20-Sep-19	<i>Insight</i> <b>Data Due Date #3:</b> 23-Oct-19			
<b>Lot Number:</b>	<b>91970710</b>	<b>91970711</b>	<b>91970712</b>			
<b>Control:</b>	<b>Low Abnormal</b>	<b>Normal</b>	<b>High Abnormal</b>			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
<b>Sysmex® KX-SERIES</b>						
WBC x10 <sup>3</sup> /μL	3.4	2.9 - 3.9	7.3	6.5 - 8.1	18.1	16.3 - 19.9
RBC x10 <sup>6</sup> /μL	2.29	2.09 - 2.49	4.34	4.08 - 4.60	5.27	5.01 - 5.53
HGB g/dL	6.0	5.6 - 6.4	12.5	11.8 - 13.3	16.7	15.9 - 17.5
HCT %	16.5	15.1 - 17.9	33.7	31.3 - 36.1	44.2	40.7 - 47.7
MCV fL	72.1	60.6 - 85.7	77.6	68.1 - 88.4	83.9	73.5 - 95.3
MCH pg	26.2	22.6 - 30.5	28.8	25.5 - 32.5	31.7	28.7 - 35.0
MCHC g/dL	36.4	31.5 - 42.1	37.1	32.6 - 42.3	37.8	33.2 - 43.1
PLT x10 <sup>3</sup> /μL	58	39 - 77	228	187 - 269	537	467 - 607
Lymph (W-SCR) %	23.9	20.3 - 27.5	30.5	27.5 - 33.6	34.4	31.0 - 37.8
Mixed (W-MCR) %	10.4	5.7 - 15.1	10.9	8.2 - 13.6	16.1	13.4 - 18.8
Neut (W-LCR) %	65.7	60.4 - 71.0	58.6	55.1 - 62.1	49.5	45.5 - 53.5
Lymph (W-SCC) x10 <sup>3</sup> /μL	0.8	0.6 - 1.1	2.2	1.7 - 2.8	6.2	5.5 - 7.0
Mixed (W-MCC) x10 <sup>3</sup> /μL	0.4	0.2 - 0.5	0.8	0.6 - 1.0	2.9	2.3 - 3.5
Neut (W-LCC) x10 <sup>3</sup> /μL	2.2	1.8 - 2.7	4.3	3.6 - 4.9	9.0	7.9 - 10.0
RDW-SD fL	39.7	33.0 - 46.4	34.7	29.1 - 40.3	37.1	31.5 - 42.7
RDW-CV %	13.7	11.5 - 15.9	10.5	8.7 - 12.3	10.3	8.4 - 12.2
MPV fL	9.7	8.1 - 11.3	9.8	8.7 - 10.9	9.9	9.0 - 10.8
W-SMV fL	60.3	51.3 - 69.3	60.8	54.1 - 67.5	60.9	54.8 - 67.0
W-LMV fL	199.0	183.1 - 214.9	198.9	183.0 - 214.8	199.3	184.4 - 214.2
<b>Sysmex® XP-SERIES</b>						
WBC x10 <sup>3</sup> /μL	3.2	2.7 - 3.7	7.1	6.4 - 7.8	18.0	16.2 - 19.8
RBC x10 <sup>6</sup> /μL	2.29	2.09 - 2.49	4.34	4.08 - 4.60	5.25	4.99 - 5.51
HGB g/dL	5.8	5.4 - 6.2	12.2	11.4 - 13.0	16.3	15.4 - 17.2
HCT %	16.6	15.1 - 18.1	33.9	31.5 - 36.3	44.4	40.8 - 48.0
MCV fL	72.5	59.5 - 85.5	78.1	67.6 - 88.6	84.6	73.3 - 95.9
MCH pg	25.3	21.1 - 29.5	28.1	24.4 - 31.8	31.0	27.7 - 34.3
MCHC g/dL	34.9	29.4 - 40.4	36.0	31.1 - 40.9	36.7	31.7 - 41.7
PLT x10 <sup>3</sup> /μL	59	42 - 76	229	192 - 266	540	477 - 603
Lymph (W-SCR) %	23.8	20.1 - 27.5	31.0	27.9 - 34.1	35.1	31.5 - 38.7
Mixed (W-MCR) %	11.1	6.3 - 15.9	11.3	8.5 - 14.1	16.4	13.8 - 19.0
Neut (W-LCR) %	65.1	60.0 - 70.2	57.7	54.2 - 61.2	48.5	44.6 - 52.4
Lymph (W-SCC) x10 <sup>3</sup> /μL	0.8	0.6 - 1.0	2.2	1.7 - 2.7	6.3	5.5 - 7.1
Mixed (W-MCC) x10 <sup>3</sup> /μL	0.4	0.2 - 0.6	0.8	0.6 - 1.0	3.0	2.5 - 3.5
Neut (W-LCC) x10 <sup>3</sup> /μL	2.0	1.6 - 2.4	4.1	3.5 - 4.7	8.7	7.7 - 9.7
W-SMV fL	63.9	54.3 - 73.5	64.1	57.1 - 71.1	64.3	57.9 - 70.7
W-LMV fL	207.9	192.6 - 223.2	208.2	192.9 - 223.5	209.0	194.7 - 223.3
RDW-SD fL	39.7	33.9 - 45.5	35.0	29.6 - 40.4	37.1	31.7 - 42.5
RDW-CV %	13.5	11.8 - 15.2	10.4	8.8 - 12.0	10.2	8.5 - 11.9
MPV fL	9.6	8.2 - 11.0	9.8	8.8 - 10.8	9.8	9.0 - 10.6

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