



# EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL poch-100i™

Expiration Date: 9/23/2020	<i>Insight</i> Data Due Date #1: 19-Jul-20	<i>Insight</i> Data Due Date #2: 21-Aug-20	<i>Insight</i> Data Due Date #3: 23-Sep-20			
Lot Number:	01680710	01680711	01680712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
<b>Sysmex® poch-100i™</b>						
WBC (10 <sup>3</sup> /μL)	2.8	2.4 - 3.2	6.6	5.9 - 7.3	17.0	15.2 - 18.8
RBC (10 <sup>6</sup> /μL)	2.33	2.12 - 2.54	4.46	4.20 - 4.72	5.41	5.15 - 5.67
HGB (g/dL)	5.7	5.4 - 6.0	12.4	11.7 - 13.1	16.7	16.0 - 17.4
HCT (%)	17.4	15.8 - 19.0	36.7	34.0 - 39.4	48.1	44.2 - 52.0
MCV (fL)	74.5	61.8 - 87.2	82.4	71.8 - 93.0	89.0	77.7 - 100.3
MCH (pg)	24.4	21.0 - 27.8	27.8	24.7 - 30.9	30.8	28.1 - 33.5
MCHC (g/dL)	32.8	28.7 - 36.9	33.8	30.0 - 37.6	34.6	30.7 - 38.5
PLT (10 <sup>3</sup> /μL)	54	37 - 71	217	181 - 253	515	455 - 575
Lymph (W-SCR) (%)	23.6	19.9 - 27.3	29.9	26.8 - 33.0	34.8	31.3 - 38.3
Mixed (W-MCR) (%)	9.6	5.0 - 14.2	10.5	7.7 - 13.3	15.7	13.0 - 18.4
Neut (W-LCR) (%)	66.8	61.6 - 72.0	59.6	56.1 - 63.1	49.6	45.7 - 53.5
Lymph (W-SCC) (10 <sup>3</sup> /μL)	0.7	0.5 - 0.9	2.0	1.5 - 2.5	5.9	5.2 - 6.6
Mixed (W-MCC) (10 <sup>3</sup> /μL)	0.3	0.1 - 0.5	0.7	0.5 - 0.9	2.7	2.2 - 3.2
Neut (W-LCC) (10 <sup>3</sup> /μL)	1.9	1.5 - 2.3	3.9	3.0 - 4.8	8.4	7.3 - 9.5
W-SMV (fL)	63.7	47.1 - 80.3	62.9	48.4 - 77.4	63.0	49.9 - 76.1
W-LMV (fL)	202.6	182.1 - 223.1	202.4	182.1 - 222.7	202.1	181.8 - 222.4
RDW-SD (fL)	47.0	39.9 - 54.1	48.0	41.2 - 54.8	44.6	37.8 - 51.4
RDW-CV (%)	17.9	15.5 - 20.3	16.5	14.2 - 18.8	14.3	11.8 - 16.8
MPV (fL)	10.2	8.6 - 11.8	10.0	8.9 - 11.1	9.7	8.8 - 10.6

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



# EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL poch-100i™

Parameters	Low Abnormal			Normal			High Abnormal		
	<i>Insight</i> Due Date #1 7/19/2020			<i>Insight</i> Due Date #2 8/21/2020			<i>Insight</i> Due Date #3 9/23/2020		
	Expiration Date: 2020-09-23			Expiration Date: 2020-09-23			Expiration Date: 2020-09-23		
	Lot Number: 01680710			Lot Number: 01680711			Lot Number: 01680712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 <sup>3</sup> /μL)	2.8	0.4		6.6	0.7		17.0	1.8	
RBC (10 <sup>6</sup> /μL)	2.33	0.21		4.46	0.26		5.41	0.26	
HGB (g/dL)	5.7	0.3		12.4	0.7		16.7	0.7	
HCT (%)	17.4	1.6		36.7	2.7		48.1	3.9	
MCV (fL)	74.5	12.7		82.4	10.6		89.0	11.3	
MCH (pg)	24.4	3.4		27.8	3.1		30.8	2.7	
MCHC (g/dL)	32.8	4.1		33.8	3.8		34.6	3.9	
PLT (10 <sup>3</sup> /μL)	54	17		217	36		515	60	
Lymph (W-SCR) (%)	23.6	3.7		29.9	3.1		34.8	3.5	
Mixed (W-MCR) (%)	9.6	4.6		10.5	2.8		15.7	2.7	
Neut (W-LCR) (%)	66.8	5.2		59.6	3.5		49.6	3.9	
Lymph (W-SCC) (10 <sup>3</sup> /μL)	0.7	0.2		2.0	0.5		5.9	0.7	
Mixed (W-MCC) (10 <sup>3</sup> /μL)	0.3	0.2		0.7	0.2		2.7	0.5	
Neut (W-LCC) (10 <sup>3</sup> /μL)	1.9	0.4		3.9	0.9		8.4	1.1	
W-SMV (fL)	63.7	16.6		62.9	14.5		63.0	13.1	
W-LMV (fL)	202.6	20.5		202.4	20.3		202.1	20.3	
RDW-SD (fL)	47.0	7.1		48.0	6.8		44.6	6.8	
RDW-CV (%)	17.9	2.4		16.5	2.3		14.3	2.5	
MPV (fL)	10.2	1.6		10.0	1.1		9.7	0.9	

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



# EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 9/23/2020	<i>Insight</i> Data Due Date #1: 19-Jul-20		<i>Insight</i> Data Due Date #2: 21-Aug-20		<i>Insight</i> Data Due Date #3: 23-Sep-20				
Lot Number:	01680710		01680711		01680712				
Control:	Low Abnormal		Normal		High Abnormal				
Parameters	Mean	Expected Range		Mean	Expected Range		Mean	Expected Range	
<b>Sysmex® KX-SERIES™</b>									
WBC (10 <sup>3</sup> /μL)	3.1	2.6	3.6	7.1	6.4	7.8	17.8	16.0	19.6
RBC (10 <sup>6</sup> /μL)	2.31	2.11	2.51	4.34	4.08	4.60	5.30	5.04	5.56
HGB (g/dL)	5.8	5.4	6.2	12.7	12.0	13.4	16.9	16.1	17.7
HCT (%)	16.4	15.0	17.8	34.1	31.8	36.4	44.8	41.2	48.4
MCV (fL)	71.0	57.3	84.7	78.5	67.8	89.2	84.5	72.9	96.1
MCH (pg)	25.3	21.1	29.5	29.2	25.6	32.8	31.8	28.4	35.2
MCHC (g/dL)	35.7	30.0	41.4	37.2	32.1	42.3	37.6	32.3	42.9
PLT (10 <sup>3</sup> /μL)	56	36	76	225	184	266	541	472	610
Lymph (W-SCR) (%)	24.0	20.3	27.7	29.6	26.6	32.6	34.0	30.5	37.5
Mixed (W-MCR) (%)	9.8	5.2	14.4	10.5	7.8	13.2	16.2	13.5	18.9
Neut (W-LCR) (%)	66.2	61.0	71.4	60.0	56.4	63.6	49.9	46.0	53.8
Lymph (W-SCC) (10 <sup>3</sup> /μL)	0.8	0.6	1.0	2.1	1.6	2.6	6.0	5.2	6.8
Mixed (W-MCC) (10 <sup>3</sup> /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.9	2.3	3.5
Neut (W-LCC) (10 <sup>3</sup> /μL)	2.1	1.7	2.5	4.3	3.7	4.9	8.9	7.8	10.0
RDW-SD (fL)	40.4	34.1	46.7	39.3	33.6	45.0	34.8	29.3	40.3
RDW-CV (%)	14.4	12.4	16.4	12.3	10.4	14.2	9.6	7.7	11.5
MPV (fL)	9.0	7.6	10.4	9.1	8.1	10.1	9.1	8.3	9.9
W-SMV (fL)	59.7	50.3	69.1	59.6	52.7	66.5	60.1	53.8	66.4
W-LMV (fL)	193.7	178.3	209.1	193.8	178.4	209.2	194.3	179.8	208.8
<b>Sysmex® XP-SERIES™</b>									
WBC (10 <sup>3</sup> /μL)	3.0	2.5	3.5	6.9	6.2	7.6	17.3	15.5	19.1
RBC (10 <sup>6</sup> /μL)	2.31	2.11	2.51	4.39	4.13	4.65	5.30	5.04	5.56
HGB (g/dL)	5.5	5.1	5.9	12.3	11.5	13.1	16.4	15.5	17.3
HCT (%)	16.5	15.0	18.0	34.6	32.2	37.0	45.0	41.4	48.6
MCV (fL)	71.2	58.2	84.2	78.9	68.4	89.4	84.9	73.6	96.2
MCH (pg)	23.9	19.7	28.1	28.0	24.3	31.7	31.0	27.7	34.3
MCHC (g/dL)	33.6	28.1	39.1	35.5	30.6	40.4	36.5	31.5	41.5
PLT (10 <sup>3</sup> /μL)	57	40	74	225	188	262	534	471	597
Lymph (W-SCR) (%)	24.2	20.5	27.9	30.0	26.9	33.1	34.2	30.6	37.8
Mixed (W-MCR) (%)	10.3	5.5	15.1	10.8	8.0	13.6	16.3	13.7	18.9
Neut (W-LCR) (%)	65.5	60.4	70.6	59.1	55.6	62.6	49.5	45.6	53.4
Lymph (W-SCC) (10 <sup>3</sup> /μL)	0.7	0.5	0.9	2.1	1.6	2.6	5.9	5.1	6.7
Mixed (W-MCC) (10 <sup>3</sup> /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.8	2.3	3.3
Neut (W-LCC) (10 <sup>3</sup> /μL)	1.9	1.5	2.3	4.1	3.5	4.7	8.6	7.6	9.6
W-SMV (fL)	63.1	53.5	72.7	62.7	55.7	69.7	63.5	57.1	69.9
W-LMV (fL)	202.1	186.8	217.4	202.5	187.2	217.8	202.7	188.4	217.0
RDW-SD (fL)	40.1	34.3	45.9	39.1	33.7	44.5	34.6	29.2	40.0
RDW-CV (%)	13.9	12.2	15.6	12.1	10.5	13.7	9.5	7.8	11.2
MPV (fL)	9.0	7.6	10.4	9.1	8.1	10.1	9.1	8.3	9.9

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# EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL XP-SERIES™

Parameters	Low Abnormal			Normal			High Abnormal		
	<i>Insight</i> Due Date #1 7/19/2020			<i>Insight</i> Due Date #2 8/21/2020			<i>Insight</i> Due Date #3 9/23/2020		
	Expiration Date: 2020-09-23			Expiration Date: 2020-09-23			Expiration Date: 2020-09-23		
	Lot Number: 01680710			Lot Number: 01680711			Lot Number: 01680712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 <sup>3</sup> /μL)	3.0	0.5		6.9	0.7		17.3	1.8	
RBC (10 <sup>6</sup> /μL)	2.31	0.20		4.39	0.26		5.30	0.26	
HGB (g/dL)	5.5	0.4		12.3	0.8		16.4	0.9	
HCT (%)	16.5	1.5		34.6	2.4		45.0	3.6	
MCV (fL)	71.2	13.0		78.9	10.5		84.9	11.3	
MCH (pg)	23.9	4.2		28.0	3.7		31.0	3.3	
MCHC (g/dL)	33.6	5.5		35.5	4.9		36.5	5.0	
PLT (10 <sup>3</sup> /μL)	57	17		225	37		534	63	
Lymph (W-SCR) (%)	24.2	3.7		30.0	3.1		34.2	3.6	
Mixed (W-MCR) (%)	10.3	4.8		10.8	2.8		16.3	2.6	
Neut (W-LCR) (%)	65.5	5.1		59.1	3.5		49.5	3.9	
Lymph (W-SCC) (10 <sup>3</sup> /μL)	0.7	0.2		2.1	0.5		5.9	0.8	
Mixed (W-MCC) (10 <sup>3</sup> /μL)	0.3	0.2		0.7	0.2		2.8	0.5	
Neut (W-LCC) (10 <sup>3</sup> /μL)	1.9	0.4		4.1	0.6		8.6	1.0	
W-SMV (fL)	63.1	9.6		62.7	7.0		63.5	6.4	
W-LMV (fL)	202.1	15.3		202.5	15.3		202.7	14.3	
RDW-SD (fL)	40.1	5.8		39.1	5.4		34.6	5.4	
RDW-CV (%)	13.9	1.7		12.1	1.6		9.5	1.7	
MPV (fL)	9.0	1.4		9.1	1.0		9.1	0.8	

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