



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:	01690710	01690711	01690712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® poch-100i™						
WBC (10 ³ /μL)	2.9	2.5 - 3.3	6.7	6.0 - 7.4	17.1	15.3 - 18.9
RBC (10 ⁶ /μL)	2.37	2.16 - 2.58	4.33	4.07 - 4.59	5.28	5.02 - 5.54
HGB (g/dL)	5.9	5.6 - 6.2	12.0	11.3 - 12.7	15.9	15.2 - 16.6
HCT (%)	18.0	16.4 - 19.6	35.8	33.1 - 38.5	46.9	43.0 - 50.8
MCV (fL)	75.8	63.1 - 88.5	82.7	72.1 - 93.3	88.9	77.6 - 100.2
MCH (pg)	24.9	21.5 - 28.3	27.8	24.7 - 30.9	30.2	27.5 - 32.9
MCHC (g/dL)	32.8	28.7 - 36.9	33.6	29.8 - 37.4	33.9	30.0 - 37.8
PLT (10 ³ /μL)	56	39 - 73	212	176 - 248	507	447 - 567
Lymph (W-SCR) (%)	24.9	21.2 - 28.6	29.0	25.9 - 32.1	33.3	29.8 - 36.8
Mixed (W-MCR) (%)	8.8	4.2 - 13.4	9.9	7.1 - 12.7	15.1	12.4 - 17.8
Neut (W-LCR) (%)	66.3	61.1 - 71.5	61.1	57.6 - 64.6	51.6	47.7 - 55.5
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	1.9	1.4 - 2.4	5.7	5.0 - 6.4
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.7	0.5 - 0.9	2.6	2.1 - 3.1
Neut (W-LCC) (10 ³ /μL)	1.9	1.5 - 2.3	4.1	3.2 - 5.0	8.8	7.7 - 9.9
W-SMV (fL)	62.9	46.3 - 79.5	62.9	48.4 - 77.4	62.8	49.7 - 75.9
W-LMV (fL)	196.8	176.3 - 217.3	197.3	177.0 - 217.6	197.6	177.3 - 217.9
RDW-SD (fL)	44.7	37.6 - 51.8	47.1	40.3 - 53.9	45.9	39.1 - 52.7
RDW-CV (%)	16.6	14.2 - 19.0	16.2	13.9 - 18.5	15.0	12.5 - 17.5
MPV (fL)	11.2	9.6 - 12.8	10.8	9.7 - 11.9	10.7	9.8 - 11.6

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: 01690710			Lot Number: 01690711			Lot Number: 01690712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	2.9	0.4		6.7	0.7		17.1	1.8	
RBC (10 ⁶ /μL)	2.37	0.21		4.33	0.26		5.28	0.26	
HGB (g/dL)	5.9	0.3		12.0	0.7		15.9	0.7	
HCT (%)	18.0	1.6		35.8	2.7		46.9	3.9	
MCV (fL)	75.8	12.7		82.7	10.6		88.9	11.3	
MCH (pg)	24.9	3.4		27.8	3.1		30.2	2.7	
MCHC (g/dL)	32.8	4.1		33.6	3.8		33.9	3.9	
PLT (10 ³ /μL)	56	17		212	36		507	60	
Lymph (W-SCR) (%)	24.9	3.7		29.0	3.1		33.3	3.5	
Mixed (W-MCR) (%)	8.8	4.6		9.9	2.8		15.1	2.7	
Neut (W-LCR) (%)	66.3	5.2		61.1	3.5		51.6	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		1.9	0.5		5.7	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.6	0.5	
Neut (W-LCC) (10 ³ /μL)	1.9	0.4		4.1	0.9		8.8	1.1	
W-SMV (fL)	62.9	16.6		62.9	14.5		62.8	13.1	
W-LMV (fL)	196.8	20.5		197.3	20.3		197.6	20.3	
RDW-SD (fL)	44.7	7.1		47.1	6.8		45.9	6.8	
RDW-CV (%)	16.6	2.4		16.2	2.3		15.0	2.5	
MPV (fL)	11.2	1.6		10.8	1.1		10.7	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:	01690710		01690711		01690712				
Control:	Low Abnormal		Normal		High Abnormal				
Parameters	Mean	Expected Range		Mean	Expected Range		Mean	Expected Range	
Sysmex® KX-SERIES™									
WBC (10 ³ /μL)	3.1	2.6	3.6	7.1	6.4	7.8	17.9	16.1	19.7
RBC (10 ⁶ /μL)	2.33	2.13	2.53	4.22	3.96	4.48	5.15	4.89	5.41
HGB (g/dL)	6.1	5.7	6.5	12.3	11.6	13.0	16.2	15.4	17.0
HCT (%)	16.7	15.3	18.1	33.1	30.8	35.4	43.5	39.9	47.1
MCV (fL)	71.9	58.2	85.6	78.6	67.9	89.3	84.6	73.0	96.2
MCH (pg)	26.3	22.1	30.5	29.1	25.5	32.7	31.4	28.0	34.8
MCHC (g/dL)	36.5	30.8	42.2	37.1	32.0	42.2	37.1	31.8	42.4
PLT (10 ³ /μL)	57	37	77	217	176	258	528	459	597
Lymph (W-SCR) (%)	24.8	21.1	28.5	29.5	26.5	32.5	32.6	29.1	36.1
Mixed (W-MCR) (%)	9.5	4.9	14.1	10.1	7.4	12.8	16.0	13.3	18.7
Neut (W-LCR) (%)	65.7	60.5	70.9	60.4	56.8	64.0	51.3	47.4	55.2
Lymph (W-SCC) (10 ³ /μL)	0.8	0.6	1.0	2.1	1.6	2.6	5.8	5.0	6.6
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.9	2.3	3.5
Neut (W-LCC) (10 ³ /μL)	2.1	1.7	2.5	4.3	3.7	4.9	9.2	8.1	10.3
RDW-SD (fL)	37.5	31.2	43.8	38.3	32.6	44.0	37.4	31.9	42.9
RDW-CV (%)	12.9	10.9	14.9	12.1	10.2	14.0	10.7	8.8	12.6
MPV (fL)	9.8	8.4	11.2	9.8	8.8	10.8	9.9	9.1	10.7
W-SMV (fL)	59.7	50.3	69.1	59.8	52.9	66.7	60.1	53.8	66.4
W-LMV (fL)	189.3	173.9	204.7	189.6	174.2	205.0	190.9	176.4	205.4
Sysmex® XP-SERIES™									
WBC (10 ³ /μL)	3.0	2.5	3.5	7.0	6.3	7.7	17.3	15.5	19.1
RBC (10 ⁶ /μL)	2.35	2.15	2.55	4.25	3.99	4.51	5.18	4.92	5.44
HGB (g/dL)	5.8	5.4	6.2	11.9	11.1	12.7	15.7	14.8	16.6
HCT (%)	16.9	15.4	18.4	33.6	31.2	36.0	44.0	40.4	47.6
MCV (fL)	72.2	59.2	85.2	79.0	68.5	89.5	84.9	73.6	96.2
MCH (pg)	24.5	20.3	28.7	28.1	24.4	31.8	30.2	26.9	33.5
MCHC (g/dL)	34.0	28.5	39.5	35.5	30.6	40.4	35.6	30.6	40.6
PLT (10 ³ /μL)	58	41	75	218	181	255	523	460	586
Lymph (W-SCR) (%)	25.2	21.5	28.9	29.0	25.9	32.1	33.3	29.7	36.9
Mixed (W-MCR) (%)	9.4	4.6	14.2	10.6	7.8	13.4	15.5	12.9	18.1
Neut (W-LCR) (%)	65.5	60.4	70.6	60.4	56.9	63.9	51.2	47.3	55.1
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	0.9	2.0	1.5	2.5	5.8	5.0	6.6
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.7	2.2	3.2
Neut (W-LCC) (10 ³ /μL)	1.9	1.5	2.3	4.2	3.6	4.8	8.9	7.9	9.9
W-SMV (fL)	62.9	53.3	72.5	62.9	55.9	69.9	63.4	57.0	69.8
W-LMV (fL)	197.4	182.1	212.7	198.2	182.9	213.5	198.9	184.6	213.2
RDW-SD (fL)	37.5	31.7	43.3	38.4	33.0	43.8	36.8	31.4	42.2
RDW-CV (%)	12.7	11.0	14.4	12.0	10.4	13.6	10.5	8.8	12.2
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.



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: 01690710			Lot Number: 01690711			Lot Number: 01690712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.0	0.5		7.0	0.7		17.3	1.8	
RBC (10 ⁶ /μL)	2.35	0.20		4.25	0.26		5.18	0.26	
HGB (g/dL)	5.8	0.4		11.9	0.8		15.7	0.9	
HCT (%)	16.9	1.5		33.6	2.4		44.0	3.6	
MCV (fL)	72.2	13.0		79.0	10.5		84.9	11.3	
MCH (pg)	24.5	4.2		28.1	3.7		30.2	3.3	
MCHC (g/dL)	34.0	5.5		35.5	4.9		35.6	5.0	
PLT (10 ³ /μL)	58	17		218	37		523	63	
Lymph (W-SCR) (%)	25.2	3.7		29.0	3.1		33.3	3.6	
Mixed (W-MCR) (%)	9.4	4.8		10.6	2.8		15.5	2.6	
Neut (W-LCR) (%)	65.5	5.1		60.4	3.5		51.2	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.0	0.5		5.8	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.7	0.5	
Neut (W-LCC) (10 ³ /μL)	1.9	0.4		4.2	0.6		8.9	1.0	
W-SMV (fL)	62.9	9.6		62.9	7.0		63.4	6.4	
W-LMV (fL)	197.4	15.3		198.2	15.3		198.9	14.3	
RDW-SD (fL)	37.5	5.8		38.4	5.4		36.8	5.4	
RDW-CV (%)	12.7	1.7		12.0	1.6		10.5	1.7	
MPV (fL)	9.9	1.4		9.8	1.0		9.9	0.8	

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