



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

Expiration Date: 11/17/2021	<i>Insight</i> Data Due Date #1: 12-Sep-21	<i>Insight</i> Data Due Date #2: 15-Oct-21	<i>Insight</i> Data Due Date #3: 17-Nov-21			
Lot Number:	12220710	12220711	12220712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® poch-100i™						
WBC (10 ³ /μL)	3.3	2.9 - 3.7	6.6	5.9 - 7.3	17.6	15.8 - 19.4
RBC (10 ⁶ /μL)	2.36	2.15 - 2.57	4.47	4.21 - 4.73	5.34	5.08 - 5.60
HGB (g/dL)	6.4	6.1 - 6.7	13.2	12.5 - 13.9	16.5	15.8 - 17.2
HCT (%)	18.9	17.3 - 20.5	38.5	35.8 - 41.2	47.4	43.5 - 51.3
MCV (fL)	80.1	67.4 - 92.8	86.2	75.6 - 96.8	88.8	77.5 - 100.1
MCH (pg)	27.1	23.7 - 30.5	29.6	26.5 - 32.7	30.9	28.2 - 33.6
MCHC (g/dL)	33.8	29.7 - 37.9	34.3	30.5 - 38.1	34.8	30.9 - 38.7
PLT (10 ³ /μL)	56	39 - 73	219	183 - 255	506	446 - 566
Lymph (W-SCR) (%)	19.0	15.3 - 22.7	30.7	27.6 - 33.8	36.1	32.6 - 39.6
Mixed (W-MCR) (%)	9.5	4.9 - 14.1	10.5	7.7 - 13.3	16.6	13.9 - 19.3
Neut (W-LCR) (%)	71.5	66.3 - 76.7	58.8	55.3 - 62.3	47.3	43.4 - 51.2
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.0	1.5 - 2.5	6.3	5.6 - 7.0
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.7	0.5 - 0.9	2.9	2.4 - 3.4
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	3.9	3.0 - 4.8	8.3	7.2 - 9.4
W-SMV (fL)	64.0	52.0 - 76.0	63.3	51.3 - 75.3	63.4	52.4 - 74.4
W-LMV (fL)	201.2	161.2 - 241.2	200.6	170.6 - 230.6	200.7	170.7 - 230.7
RDW-SD (fL)	40.0	32.9 - 47.1	43.3	36.5 - 50.1	43.2	36.4 - 50.0
RDW-CV (%)	14.0	11.6 - 16.4	14.2	11.9 - 16.5	13.6	11.1 - 16.1
MPV (fL)	10.5	8.9 - 12.1	10.3	9.2 - 11.4	10.1	9.2 - 11.0

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 9/12/2021			<i>Insight</i> Due Date #2 10/15/2021			<i>Insight</i> Due Date #3 11/17/2021		
	Expiration Date: 2021-11-17			Expiration Date: 2021-11-17			Expiration Date: 2021-11-17		
	Lot Number: 12220710			Lot Number: 12220711			Lot Number: 12220712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.3	0.4		6.6	0.7		17.6	1.8	
RBC (10 ⁶ /μL)	2.36	0.21		4.47	0.26		5.34	0.26	
HGB (g/dL)	6.4	0.3		13.2	0.7		16.5	0.7	
HCT (%)	18.9	1.6		38.5	2.7		47.4	3.9	
MCV (fL)	80.1	12.7		86.2	10.6		88.8	11.3	
MCH (pg)	27.1	3.4		29.6	3.1		30.9	2.7	
MCHC (g/dL)	33.8	4.1		34.3	3.8		34.8	3.9	
PLT (10 ³ /μL)	56	17		219	36		506	60	
Lymph (W-SCR) (%)	19.0	3.7		30.7	3.1		36.1	3.5	
Mixed (W-MCR) (%)	9.5	4.6		10.5	2.8		16.6	2.7	
Neut (W-LCR) (%)	71.5	5.2		58.8	3.5		47.3	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.0	0.5		6.3	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.9	0.5	
Neut (W-LCC) (10 ³ /μL)	2.4	0.4		3.9	0.9		8.3	1.1	
W-SMV (fL)	64.0	12.0		63.3	12.0		63.4	11.0	
W-LMV (fL)	201.2	40.0		200.6	30.0		200.7	30.0	
RDW-SD (fL)	40.0	7.1		43.3	6.8		43.2	6.8	
RDW-CV (%)	14.0	2.4		14.2	2.3		13.6	2.5	
MPV (fL)	10.5	1.6		10.3	1.1		10.1	0.9	

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EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 11/17/2021	<i>Insight</i> Data Due Date #1: 12-Sep-21		<i>Insight</i> Data Due Date #2: 15-Oct-21		<i>Insight</i> Data Due Date #3: 17-Nov-21	
Lot Number:	12220710		12220711		12220712	
Control:	Low Abnormal		Normal		High Abnormal	
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES™						
WBC (10 ³ /μL)	3.6	3.1 - 4.1	7.0	6.3 - 7.7	18.2	16.4 - 20.0
RBC (10 ⁶ /μL)	2.34	2.14 - 2.54	4.35	4.09 - 4.61	5.23	4.97 - 5.49
HGB (g/dL)	6.5	6.1 - 6.9	13.4	12.7 - 14.1	16.7	15.9 - 17.5
HCT (%)	17.6	16.2 - 19.0	35.3	33.0 - 37.6	44.0	40.4 - 47.6
MCV (fL)	75.4	61.7 - 89.1	81.2	70.5 - 91.9	84.1	72.5 - 95.7
MCH (pg)	28.0	23.8 - 32.2	30.9	27.3 - 34.5	31.9	28.5 - 35.3
MCHC (g/dL)	37.1	31.4 - 42.8	38.0	32.9 - 43.1	37.9	32.6 - 43.2
PLT (10 ³ /μL)	59	39 - 79	230	189 - 271	540	471 - 609
Lymph (W-SCR) (%)	19.8	16.1 - 23.5	30.4	27.4 - 33.4	35.3	31.8 - 38.8
Mixed (W-MCR) (%)	9.9	5.3 - 14.5	11.0	8.3 - 13.7	17.1	14.4 - 19.8
Neut (W-LCR) (%)	70.2	65.0 - 75.4	58.6	55.0 - 62.2	47.6	43.7 - 51.5
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.4	5.6 - 7.2
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2 - 0.6	0.8	0.6 - 1.0	3.1	2.5 - 3.7
Neut (W-LCC) (10 ³ /μL)	2.5	2.1 - 2.9	4.1	3.5 - 4.7	8.6	7.5 - 9.7
RDW-SD (fL)	31.6	25.3 - 37.9	33.6	27.9 - 39.3	33.3	27.8 - 38.8
RDW-CV (%)	9.7	7.7 - 11.7	9.6	7.7 - 11.5	9.1	7.2 - 11.0
MPV (fL)	9.4	8.0 - 10.8	9.5	8.5 - 10.5	9.4	8.6 - 10.2
W-SMV (fL)	60.4	48.4 - 72.4	60.8	48.8 - 72.8	61.5	50.5 - 72.5
W-LMV (fL)	193.9	153.9 - 233.9	194.5	164.5 - 224.5	195.4	165.4 - 225.4
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.4	2.9 - 3.9	7.0	6.3 - 7.7	17.8	16.0 - 19.6
RBC (10 ⁶ /μL)	2.35	2.15 - 2.55	4.39	4.13 - 4.65	5.26	5.00 - 5.52
HGB (g/dL)	6.1	5.7 - 6.5	13.0	12.2 - 13.8	16.2	15.3 - 17.1
HCT (%)	17.8	16.3 - 19.3	35.8	33.4 - 38.2	44.4	40.8 - 48.0
MCV (fL)	75.8	62.8 - 88.8	81.5	71.0 - 92.0	84.4	73.1 - 95.7
MCH (pg)	26.2	22.0 - 30.4	29.6	25.9 - 33.3	30.7	27.4 - 34.0
MCHC (g/dL)	34.5	29.0 - 40.0	36.3	31.4 - 41.2	36.4	31.4 - 41.4
PLT (10 ³ /μL)	59	42 - 76	230	193 - 267	535	472 - 598
Lymph (W-SCR) (%)	20.0	16.3 - 23.7	30.6	27.5 - 33.7	35.5	31.9 - 39.1
Mixed (W-MCR) (%)	9.8	5.0 - 14.6	11.2	8.4 - 14.0	17.1	14.5 - 19.7
Neut (W-LCR) (%)	70.2	65.1 - 75.3	58.3	54.8 - 61.8	47.4	43.5 - 51.3
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.3	5.5 - 7.1
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.8	0.6 - 1.0	3.1	2.6 - 3.6
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.1	3.5 - 4.7	8.5	7.5 - 9.5
W-SMV (fL)	63.1	51.1 - 75.1	64.0	52.0 - 76.0	64.6	53.6 - 75.6
W-LMV (fL)	202.1	162.1 - 242.1	202.8	172.8 - 232.8	203.6	173.6 - 233.6
RDW-SD (fL)	31.3	25.5 - 37.1	33.4	28.0 - 38.8	32.7	27.3 - 38.1
RDW-CV (%)	9.5	7.8 - 11.2	9.4	7.8 - 11.0	8.8	7.1 - 10.5
MPV (fL)	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.4	8.6 - 10.2

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

Parameters	Low Abnormal			Normal			High Abnormal		
	<i>Insight</i> Due Date #1 9/12/2021			<i>Insight</i> Due Date #2 10/15/2021			<i>Insight</i> Due Date #3 11/17/2021		
	Expiration Date: 2021-11-17			Expiration Date: 2021-11-17			Expiration Date: 2021-11-17		
	Lot Number: 12220710			Lot Number: 12220711			Lot Number: 12220712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.4	0.5		7.0	0.7		17.8	1.8	
RBC (10 ⁶ /μL)	2.35	0.20		4.39	0.26		5.26	0.26	
HGB (g/dL)	6.1	0.4		13.0	0.8		16.2	0.9	
HCT (%)	17.8	1.5		35.8	2.4		44.4	3.6	
MCV (fL)	75.8	13.0		81.5	10.5		84.4	11.3	
MCH (pg)	26.2	4.2		29.6	3.7		30.7	3.3	
MCHC (g/dL)	34.5	5.5		36.3	4.9		36.4	5.0	
PLT (10 ³ /μL)	59	17		230	37		535	63	
Lymph (W-SCR) (%)	20.0	3.7		30.6	3.1		35.5	3.6	
Mixed (W-MCR) (%)	9.8	4.8		11.2	2.8		17.1	2.6	
Neut (W-LCR) (%)	70.2	5.1		58.3	3.5		47.4	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.1	0.5		6.3	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.8	0.2		3.1	0.5	
Neut (W-LCC) (10 ³ /μL)	2.4	0.4		4.1	0.6		8.5	1.0	
W-SMV (fL)	63.1	12.0		64.0	12.0		64.6	11.0	
W-LMV (fL)	202.1	40.0		202.8	30.0		203.6	30.0	
RDW-SD (fL)	31.3	5.8		33.4	5.4		32.7	5.4	
RDW-CV (%)	9.5	1.7		9.4	1.6		8.8	1.7	
MPV (fL)	9.3	1.4		9.4	1.0		9.4	0.8	

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