



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

Expiration Date: 11/13/2024	<i>Insight</i> Data Due Date #1: 08-Sep-24	<i>Insight</i> Data Due Date #2: 11-Oct-24	<i>Insight</i> Data Due Date #3: 13-Nov-24			
Lot Number:	42190710	42190711	42190712			
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	6.9	6.2 - 7.6	17.8	16.0 - 19.6
RBC (10 ⁶ /μL)	2.40	2.19 - 2.61	4.57	4.31 - 4.83	5.53	5.27 - 5.79
HGB (g/dL)	5.6	5.3 - 5.9	12.3	11.6 - 13.0	16.7	16.0 - 17.4
HCT (%)	17.3	15.7 - 18.9	36.8	34.1 - 39.5	48.8	44.9 - 52.7
MCV (fL)	72.0	59.3 - 84.7	80.5	69.9 - 91.1	88.3	77.0 - 99.6
MCH (pg)	23.3	19.9 - 26.7	26.8	23.7 - 29.9	30.1	27.4 - 32.8
MCHC (g/dL)	32.4	28.3 - 36.5	33.3	29.5 - 37.1	34.1	30.2 - 38.0
PLT (10 ³ /μL)	84	67 - 101	225	189 - 261	524	464 - 584
Lymph (W-SCR) (%)	19.6	15.9 - 23.3	32.6	29.5 - 35.7	38.6	35.1 - 42.1
Mixed (W-MCR) (%)	9.7	5.1 - 14.3	10.5	7.7 - 13.3	14.6	11.9 - 17.3
Neut (W-LCR) (%)	70.7	65.5 - 75.9	57.0	53.5 - 60.5	46.8	42.9 - 50.7
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.2	1.7 - 2.7	6.9	6.2 - 7.6
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)	2.3	1.9 - 2.7	3.9	3.0 - 4.8	8.3	7.2 - 9.4
W-SMV (fL)	63.7	51.7 - 75.7	63.4	51.4 - 75.4	63.4	52.4 - 74.4
W-LMV (fL)	203.8	163.8 - 243.8	204.0	174.0 - 234.0	191.9	161.9 - 221.9
RDW-SD (fL)	44.4	37.3 - 51.5	47.9	41.1 - 54.7	46.6	39.8 - 53.4
RDW-CV (%)	17.6	15.2 - 20.0	17.3	15.0 - 19.6	15.3	12.8 - 17.8
MPV (fL)	10.6	9.0 - 12.2	10.2	9.1 - 11.3	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 9/8/2024			<i>Insight</i> Due Date #2 10/11/2024			<i>Insight</i> Due Date #3 11/13/2024		
	Expiration Date: 2024-11-13			Expiration Date: 2024-11-13			Expiration Date: 2024-11-13		
	Lot Number: 42190710			Lot Number: 42190711			Lot Number: 42190712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.3	0.4		6.9	0.7		17.8	1.8	
RBC (10 ⁶ /μL)	2.40	0.21		4.57	0.26		5.53	0.26	
HGB (g/dL)	5.6	0.3		12.3	0.7		16.7	0.7	
HCT (%)	17.3	1.6		36.8	2.7		48.8	3.9	
MCV (fL)	72.0	12.7		80.5	10.6		88.3	11.3	
MCH (pg)	23.3	3.4		26.8	3.1		30.1	2.7	
MCHC (g/dL)	32.4	4.1		33.3	3.8		34.1	3.9	
PLT (10 ³ /μL)	84	17		225	36		524	60	
Lymph (W-SCR) (%)	19.6	3.7		32.6	3.1		38.6	3.5	
Mixed (W-MCR) (%)	9.7	4.6		10.5	2.8		14.6	2.7	
Neut (W-LCR) (%)	70.7	5.2		57.0	3.5		46.8	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.2	0.5		6.9	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)	2.3	0.4		3.9	0.9		8.3	1.1	
W-SMV (fL)	63.7	12.0		63.4	12.0		63.4	11.0	
W-LMV (fL)	203.8	40.0		204.0	30.0		191.9	30.0	
RDW-SD (fL)	44.4	7.1		47.9	6.8		46.6	6.8	
RDW-CV (%)	17.6	2.4		17.3	2.3		15.3	2.5	
MPV (fL)	10.6	1.6		10.2	1.1		10.1	0.9	

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EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 11/13/2024	<i>Insight</i> Data Due Date #1: 08-Sep-24		<i>Insight</i> Data Due Date #2: 11-Oct-24		<i>Insight</i> Data Due Date #3: 13-Nov-24	
Lot Number:	42190710		42190711		42190712	
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	7.3	6.6 - 8.0	18.5	16.7 - 20.3
RBC (10 ⁶ /μL)	2.36	2.16 - 2.56	4.42	4.16 - 4.68	5.38	5.12 - 5.64
HGB (g/dL)	5.7	5.3 - 6.1	12.4	11.7 - 13.1	16.8	16.0 - 17.6
HCT (%)	16.2	14.8 - 17.6	34.1	31.8 - 36.4	45.4	41.8 - 49.0
MCV (fL)	68.7	55.0 - 82.4	77.2	66.5 - 87.9	84.3	72.7 - 95.9
MCH (pg)	24.3	20.1 - 28.5	28.0	24.4 - 31.6	31.1	27.7 - 34.5
MCHC (g/dL)	35.4	29.7 - 41.1	36.3	31.2 - 41.4	36.9	31.6 - 42.2
PLT (10 ³ /μL)	86	66 - 106	228	187 - 269	543	474 - 612
Lymph (W-SCR) (%)	20.3	16.6 - 24.0	31.0	28.0 - 34.0	37.2	33.7 - 40.7
Mixed (W-MCR) (%)	10.9	6.3 - 15.5	11.5	8.8 - 14.2	15.8	13.1 - 18.5
Neut (W-LCR) (%)	68.8	63.6 - 74.0	57.5	53.9 - 61.1	47.1	43.2 - 51.0
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.3	1.8 - 2.8	6.9	6.1 - 7.7
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2 - 0.6	0.8	0.6 - 1.0	2.9	2.3 - 3.5
Neut (W-LCC) (10 ³ /μL)	2.5	2.1 - 2.9	4.2	3.6 - 4.8	8.7	7.6 - 9.8
RDW-SD (fL)	37.1	30.8 - 43.4	38.9	33.2 - 44.6	35.7	30.2 - 41.2
RDW-CV (%)	13.7	11.7 - 15.7	12.5	10.6 - 14.4	10.2	8.3 - 12.1
MPV (fL)	9.2	7.8 - 10.6	9.2	8.2 - 10.2	9.3	8.5 - 10.1
W-SMV (fL)	60.1	48.1 - 72.1	60.5	48.5 - 72.5	60.8	49.8 - 71.8
W-LMV (fL)	198.9	158.9 - 238.9	199.6	169.6 - 229.6	188.7	158.7 - 218.7
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.4	2.9 - 3.9	7.1	6.4 - 7.8	18.0	16.2 - 19.8
RBC (10 ⁶ /μL)	2.34	2.14 - 2.54	4.42	4.16 - 4.68	5.35	5.09 - 5.61
HGB (g/dL)	5.5	5.1 - 5.9	12.2	11.4 - 13.0	16.5	15.6 - 17.4
HCT (%)	16.1	14.6 - 17.6	33.9	31.5 - 36.3	45.2	41.6 - 48.8
MCV (fL)	68.7	55.7 - 81.7	76.8	66.3 - 87.3	84.5	73.2 - 95.8
MCH (pg)	23.6	19.4 - 27.8	27.6	23.9 - 31.3	30.9	27.6 - 34.2
MCHC (g/dL)	34.4	28.9 - 39.9	36.0	31.1 - 40.9	36.5	31.5 - 41.5
PLT (10 ³ /μL)	86	69 - 103	233	196 - 270	543	480 - 606
Lymph (W-SCR) (%)	20.1	16.4 - 23.8	31.7	28.6 - 34.8	37.4	33.8 - 41.0
Mixed (W-MCR) (%)	10.4	5.6 - 15.2	11.2	8.4 - 14.0	15.0	12.4 - 17.6
Neut (W-LCR) (%)	69.6	64.5 - 74.7	57.1	53.6 - 60.6	47.6	43.7 - 51.5
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.2	1.7 - 2.7	6.7	5.9 - 7.5
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2 - 0.6	0.8	0.6 - 1.0	2.7	2.2 - 3.2
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.0	3.4 - 4.6	8.6	7.6 - 9.6
W-SMV (fL)	58.6	46.6 - 70.6	59.2	47.2 - 71.2	59.5	48.5 - 70.5
W-LMV (fL)	192.4	152.4 - 232.4	193.0	163.0 - 223.0	182.4	152.4 - 212.4
RDW-SD (fL)	36.8	31.0 - 42.6	38.8	33.4 - 44.2	35.7	30.3 - 41.1
RDW-CV (%)	13.4	11.7 - 15.1	12.3	10.7 - 13.9	10.0	8.3 - 11.7
MPV (fL)	9.4	8.0 - 10.8	9.5	8.5 - 10.5	9.5	8.7 - 10.3

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

Parameters	Low Abnormal			Normal			High Abnormal		
	<i>Insight</i> Due Date #1 9/8/2024			<i>Insight</i> Due Date #2 10/11/2024			<i>Insight</i> Due Date #3 11/13/2024		
	Expiration Date: 2024-11-13			Expiration Date: 2024-11-13			Expiration Date: 2024-11-13		
	Lot Number: 42190710			Lot Number: 42190711			Lot Number: 42190712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.4	0.5		7.1	0.7		18.0	1.8	
RBC (10 ⁶ /μL)	2.34	0.20		4.42	0.26		5.35	0.26	
HGB (g/dL)	5.5	0.4		12.2	0.8		16.5	0.9	
HCT (%)	16.1	1.5		33.9	2.4		45.2	3.6	
MCV (fL)	68.7	13.0		76.8	10.5		84.5	11.3	
MCH (pg)	23.6	4.2		27.6	3.7		30.9	3.3	
MCHC (g/dL)	34.4	5.5		36.0	4.9		36.5	5.0	
PLT (10 ³ /μL)	86	17		233	37		543	63	
Lymph (W-SCR) (%)	20.1	3.7		31.7	3.1		37.4	3.6	
Mixed (W-MCR) (%)	10.4	4.8		11.2	2.8		15.0	2.6	
Neut (W-LCR) (%)	69.6	5.1		57.1	3.5		47.6	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.2	0.5		6.7	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2		0.8	0.2		2.7	0.5	
Neut (W-LCC) (10 ³ /μL)	2.4	0.4		4.0	0.6		8.6	1.0	
W-SMV (fL)	58.6	12.0		59.2	12.0		59.5	11.0	
W-LMV (fL)	192.4	40.0		193.0	30.0		182.4	30.0	
RDW-SD (fL)	36.8	5.8		38.8	5.4		35.7	5.4	
RDW-CV (%)	13.4	1.7		12.3	1.6		10.0	1.7	
MPV (fL)	9.4	1.4		9.5	1.0		9.5	0.8	

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