



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

Expiration Date: 5/29/2024	Insight Data Due Date #1: 24-Mar-24	Insight Data Due Date #2: 26-Apr-24	Insight Data Due Date #3: 29-May-24			
Lot Number:	40520710	40520711	40520712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® pocH-100i™						
WBC (10 ³ /μL)	3.0	2.6 - 3.4	6.7	6.0 - 7.4	17.7	15.9 - 19.5
RBC (10 ⁶ /μL)	2.42	2.21 - 2.63	4.56	4.30 - 4.82	5.51	5.25 - 5.77
HGB (g/dL)	5.5	5.2 - 5.8	12.4	11.7 - 13.1	16.7	16.0 - 17.4
HCT (%)	17.0	15.4 - 18.6	37.0	34.3 - 39.7	48.7	44.8 - 52.6
MCV (fL)	70.1	57.4 - 82.8	81.2	70.6 - 91.8	88.5	77.2 - 99.8
MCH (pg)	22.6	19.2 - 26.0	27.3	24.2 - 30.4	30.3	27.6 - 33.0
MCHC (g/dL)	32.2	28.1 - 36.3	33.6	29.8 - 37.4	34.2	30.3 - 38.1
PLT (10 ³ /μL)	79	62 - 96	218	182 - 254	514	454 - 574
Lymph (W-SCR) (%)	19.5	15.8 - 23.2	31.7	28.6 - 34.8	37.3	33.8 - 40.8
Mixed (W-MCR) (%)	10.4	5.8 - 15.0	10.8	8.0 - 13.6	15.9	13.2 - 18.6
Neut (W-LCR) (%)	70.1	64.9 - 75.3	57.5	54.0 - 61.0	46.8	42.9 - 50.7
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.6	5.9 - 7.3
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.7	0.5 - 0.9	2.8	2.3 - 3.3
Neut (W-LCC) (10 ³ /μL)	2.1	1.7 - 2.5	3.9	3.0 - 4.8	8.3	7.2 - 9.4
W-SMV (fL)	64.1	52.1 - 76.1	64.0	52.0 - 76.0	63.5	52.5 - 74.5
W-LMV (fL)	200.9	160.9 - 240.9	201.6	171.6 - 231.6	201.4	171.4 - 231.4
RDW-SD (fL)	43.5	36.4 - 50.6	46.5	39.7 - 53.3	45.2	38.4 - 52.0
RDW-CV (%)	17.5	15.1 - 19.9	16.4	14.1 - 18.7	14.6	12.1 - 17.1
MPV (fL)	10.3	8.7 - 11.9	9.9	8.8 - 11.0	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		
	Insight Due Date #1 3/24/2024			Insight Due Date #2 4/26/2024			Insight Due Date #3 5/29/2024		
	Expiration Date: 2024-05-29			Expiration Date: 2024-05-29			Expiration Date: 2024-05-29		
	Lot Number: 40520710			Lot Number: 40520711			Lot Number: 40520712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.0	0.4		6.7	0.7		17.7	1.8	
RBC (10 ⁶ /μL)	2.42	0.21		4.56	0.26		5.51	0.26	
HGB (g/dL)	5.5	0.3		12.4	0.7		16.7	0.7	
HCT (%)	17.0	1.6		37.0	2.7		48.7	3.9	
MCV (fL)	70.1	12.7		81.2	10.6		88.5	11.3	
MCH (pg)	22.6	3.4		27.3	3.1		30.3	2.7	
MCHC (g/dL)	32.2	4.1		33.6	3.8		34.2	3.9	
PLT (10 ³ /μL)	79	17		218	36		514	60	
Lymph (W-SCR) (%)	19.5	3.7		31.7	3.1		37.3	3.5	
Mixed (W-MCR) (%)	10.4	4.6		10.8	2.8		15.9	2.7	
Neut (W-LCR) (%)	70.1	5.2		57.5	3.5		46.8	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.1	0.5		6.6	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.8	0.5	
Neut (W-LCC) (10 ³ /μL)	2.1	0.4		3.9	0.9		8.3	1.1	
W-SMV (fL)	64.1	12.0		64.0	12.0		63.5	11.0	
W-LMV (fL)	200.9	40.0		201.6	30.0		201.4	30.0	
RDW-SD (fL)	43.5	7.1		46.5	6.8		45.2	6.8	
RDW-CV (%)	17.5	2.4		16.4	2.3		14.6	2.5	
MPV (fL)	10.3	1.6		9.9	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: 5/29/2024	Insight Data Due Date #1: 24-Mar-24	Insight Data Due Date #2: 26-Apr-24	Insight Data Due Date #3: 29-May-24			
Lot Number:	40520710	40520711	40520712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES™						
WBC (10 ³ /μL)	3.3	2.8 - 3.8	7.2	6.5 - 7.9	18.4	16.6 - 20.2
RBC (10 ⁹ /μL)	2.36	2.16 - 2.56	4.38	4.12 - 4.64	5.35	5.09 - 5.61
HGB (g/dL)	5.6	5.2 - 6.0	12.6	11.9 - 13.3	16.9	16.1 - 17.7
HCT (%)	16.0	14.6 - 17.4	34.5	32.2 - 36.8	45.7	42.1 - 49.3
MCV (fL)	67.8	54.1 - 81.5	78.7	68.0 - 89.4	85.5	73.9 - 97.1
MCH (pg)	23.7	19.5 - 27.9	28.7	25.1 - 32.3	31.6	28.2 - 35.0
MCHC (g/dL)	35.0	29.3 - 40.7	36.4	31.3 - 41.5	37.0	31.7 - 42.3
PLT (10 ³ /μL)	81	61 - 101	222	181 - 263	529	460 - 598
Lymph (W-SCR) (%)	19.4	15.7 - 23.1	30.4	27.4 - 33.4	35.6	32.1 - 39.1
Mixed (W-MCR) (%)	10.6	6.0 - 15.2	11.6	8.9 - 14.3	15.9	13.2 - 18.6
Neut (W-LCR) (%)	70.0	64.8 - 75.2	58.0	54.4 - 61.6	48.5	44.6 - 52.4
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.2	1.7 - 2.7	6.6	5.8 - 7.4
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)	2.3	1.9 - 2.7	4.2	3.6 - 4.8	8.9	7.8 - 10.0
RDW-SD (fL)	37.0	30.7 - 43.3	37.7	32.0 - 43.4	35.0	29.5 - 40.5
RDW-CV (%)	13.6	11.6 - 15.6	11.7	9.8 - 13.6	9.5	7.6 - 11.4
MPV (fL)	9.0	7.6 - 10.4	9.0	8.0 - 10.0	9.0	8.2 - 9.8
W-SMV (fL)	61.1	49.1 - 73.1	61.5	49.5 - 73.5	61.8	50.8 - 72.8
W-LMV (fL)	198.4	158.4 - 238.4	199.5	169.5 - 229.5	199.8	169.8 - 229.8
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.3	2.8 - 3.8	7.1	6.4 - 7.8	18.1	16.3 - 19.9
RBC (10 ⁹ /μL)	2.36	2.16 - 2.56	4.41	4.15 - 4.67	5.35	5.09 - 5.61
HGB (g/dL)	5.4	5.0 - 5.8	12.3	11.5 - 13.1	16.6	15.7 - 17.5
HCT (%)	16.0	14.5 - 17.5	34.6	32.2 - 37.0	45.8	42.2 - 49.4
MCV (fL)	67.9	54.9 - 80.9	78.5	68.0 - 89.0	85.7	74.4 - 97.0
MCH (pg)	23.0	18.8 - 27.2	27.9	24.2 - 31.6	31.1	27.8 - 34.4
MCHC (g/dL)	33.8	28.3 - 39.3	35.6	30.7 - 40.5	36.3	31.3 - 41.3
PLT (10 ³ /μL)	79	62 - 96	220	183 - 257	527	464 - 590
Lymph (W-SCR) (%)	19.5	15.8 - 23.2	30.2	27.1 - 33.3	35.7	32.1 - 39.3
Mixed (W-MCR) (%)	10.9	6.1 - 15.7	10.9	8.1 - 13.7	15.8	13.2 - 18.4
Neut (W-LCR) (%)	69.6	64.5 - 74.7	58.9	55.4 - 62.4	48.5	44.6 - 52.4
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.5	5.7 - 7.3
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2 - 0.6	0.8	0.6 - 1.0	2.9	2.4 - 3.4
Neut (W-LCC) (10 ³ /μL)	2.3	1.9 - 2.7	4.2	3.6 - 4.8	8.8	7.8 - 9.8
W-SMV (fL)	59.1	47.1 - 71.1	59.6	47.6 - 71.6	59.4	48.4 - 70.4
W-LMV (fL)	191.0	151.0 - 231.0	191.4	161.4 - 221.4	192.1	162.1 - 222.1
RDW-SD (fL)	37.1	31.3 - 42.9	38.0	32.6 - 43.4	34.7	29.3 - 40.1
RDW-CV (%)	13.7	12.0 - 15.4	11.7	10.1 - 13.3	9.6	7.9 - 11.3
MPV (fL)	9.1	7.7 - 10.5	9.2	8.2 - 10.2	9.2	8.4 - 10.0

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



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

	Low Abnormal			Normal			High Abnormal		
	Insight Due Date #1 3/24/2024			Insight Due Date #2 4/26/2024			Insight Due Date #3 5/29/2024		
	Expiration Date: 2024-05-29			Expiration Date: 2024-05-29			Expiration Date: 2024-05-29		
	Lot Number: 40520710			Lot Number: 40520711			Lot Number: 40520712		
Parameters	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.3	0.5		7.1	0.7		18.1	1.8	
RBC (10 ⁹ /μL)	2.36	0.20		4.41	0.26		5.35	0.26	
HGB (g/dL)	5.4	0.4		12.3	0.8		16.6	0.9	
HCT (%)	16.0	1.5		34.6	2.4		45.8	3.6	
MCV (fL)	67.9	13.0		78.5	10.5		85.7	11.3	
MCH (pg)	23.0	4.2		27.9	3.7		31.1	3.3	
MCHC (g/dL)	33.8	5.5		35.6	4.9		36.3	5.0	
PLT (10 ³ /μL)	79	17		220	37		527	63	
Lymph (W-SCR) (%)	19.5	3.7		30.2	3.1		35.7	3.6	
Mixed (W-MCR) (%)	10.9	4.8		10.9	2.8		15.8	2.6	
Neut (W-LCR) (%)	69.6	5.1		58.9	3.5		48.5	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.1	0.5		6.5	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.4	0.2		0.8	0.2		2.9	0.5	
Neut (W-LCC) (10 ³ /μL)	2.3	0.4		4.2	0.6		8.8	1.0	
W-SMV (fL)	59.1	12.0		59.6	12.0		59.4	11.0	
W-LMV (fL)	191.0	40.0		191.4	30.0		192.1	30.0	
RDW-SD (fL)	37.1	5.8		38.0	5.4		34.7	5.4	
RDW-CV (%)	13.7	1.7		11.7	1.6		9.6	1.7	
MPV (fL)	9.1	1.4		9.2	1.0		9.2	0.8	

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