



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:	40510710	40510711	40510712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® pocH-100i™						
WBC (10 ³ /μL)	3.2	2.8 - 3.6	6.7	6.0 - 7.4	17.7	15.9 - 19.5
RBC (10 ⁶ /μL)	2.39	2.18 - 2.60	4.57	4.31 - 4.83	5.55	5.29 - 5.81
HGB (g/dL)	5.6	5.3 - 5.9	12.0	11.3 - 12.7	15.4	14.7 - 16.1
HCT (%)	17.3	15.7 - 18.9	36.2	33.5 - 38.9	45.8	41.9 - 49.7
MCV (fL)	72.2	59.5 - 84.9	79.2	68.6 - 89.8	82.6	71.3 - 93.9
MCH (pg)	23.2	19.8 - 26.6	26.2	23.1 - 29.3	27.7	25.0 - 30.4
MCHC (g/dL)	32.2	28.1 - 36.3	33.1	29.3 - 36.9	33.5	29.6 - 37.4
PLT (10 ³ /μL)	85	68 - 102	229	193 - 265	552	492 - 612
Lymph (W-SCR) (%)	20.0	16.3 - 23.7	31.3	28.2 - 34.4	36.6	33.1 - 40.1
Mixed (W-MCR) (%)	9.9	5.3 - 14.5	10.2	7.4 - 13.0	15.7	13.0 - 18.4
Neut (W-LCR) (%)	70.1	64.9 - 75.3	58.5	55.0 - 62.0	47.7	43.8 - 51.6
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.5	5.8 - 7.2
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)	2.3	1.9 - 2.7	3.9	3.0 - 4.8	8.4	7.3 - 9.5
W-SMV (fL)	64.3	52.3 - 76.3	64.0	52.0 - 76.0	63.7	52.7 - 74.7
W-LMV (fL)	201.4	161.4 - 241.4	201.3	171.3 - 231.3	201.8	171.8 - 231.8
RDW-SD (fL)	46.4	39.3 - 53.5	45.8	39.0 - 52.6	50.1	43.3 - 56.9
RDW-CV (%)	18.3	15.9 - 20.7	16.5	14.2 - 18.8	18.0	15.5 - 20.5
MPV (fL)	10.8	9.2 - 12.4	10.4	9.3 - 11.5	10.3	9.4 - 11.2

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: 40510710			Lot Number: 40510711			Lot Number: 40510712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.2	0.4		6.7	0.7		17.7	1.8	
RBC (10 ⁶ /μL)	2.39	0.21		4.57	0.26		5.55	0.26	
HGB (g/dL)	5.6	0.3		12.0	0.7		15.4	0.7	
HCT (%)	17.3	1.6		36.2	2.7		45.8	3.9	
MCV (fL)	72.2	12.7		79.2	10.6		82.6	11.3	
MCH (pg)	23.2	3.4		26.2	3.1		27.7	2.7	
MCHC (g/dL)	32.2	4.1		33.1	3.8		33.5	3.9	
PLT (10 ³ /μL)	85	17		229	36		552	60	
Lymph (W-SCR) (%)	20.0	3.7		31.3	3.1		36.6	3.5	
Mixed (W-MCR) (%)	9.9	4.6		10.2	2.8		15.7	2.7	
Neut (W-LCR) (%)	70.1	5.2		58.5	3.5		47.7	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.1	0.5		6.5	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)	2.3	0.4		3.9	0.9		8.4	1.1	
W-SMV (fL)	64.3	12.0		64.0	12.0		63.7	11.0	
W-LMV (fL)	201.4	40.0		201.3	30.0		201.8	30.0	
RDW-SD (fL)	46.4	7.1		45.8	6.8		50.1	6.8	
RDW-CV (%)	18.3	2.4		16.5	2.3		18.0	2.5	
MPV (fL)	10.8	1.6		10.4	1.1		10.3	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:	40510710		40510711		40510712	
Control:	Low Abnormal		Normal		High Abnormal	
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES™						
WBC (10 ³ /μL)	3.5	3.0 - 4.0	7.1	6.4 - 7.8	18.4	16.6 - 20.2
RBC (10 ⁶ /μL)	2.34	2.14 - 2.54	4.41	4.15 - 4.67	5.35	5.09 - 5.61
HGB (g/dL)	5.7	5.3 - 6.1	12.2	11.5 - 12.9	15.5	14.7 - 16.3
HCT (%)	16.2	14.8 - 17.6	33.9	31.6 - 36.2	42.8	39.2 - 46.4
MCV (fL)	69.2	55.5 - 82.9	76.8	66.1 - 87.5	80.1	68.5 - 91.7
MCH (pg)	24.3	20.1 - 28.5	27.6	24.0 - 31.2	29.0	25.6 - 32.4
MCHC (g/dL)	35.2	29.5 - 40.9	36.0	30.9 - 41.1	36.2	30.9 - 41.5
PLT (10 ³ /μL)	88	68 - 108	228	187 - 269	553	484 - 622
Lymph (W-SCR) (%)	19.9	16.2 - 23.6	29.6	26.6 - 32.6	35.1	31.6 - 38.6
Mixed (W-MCR) (%)	10.4	5.8 - 15.0	11.0	8.3 - 13.7	15.8	13.1 - 18.5
Neut (W-LCR) (%)	69.8	64.6 - 75.0	59.5	55.9 - 63.1	49.1	45.2 - 53.0
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	2.9	2.3 - 3.5
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.2	3.6 - 4.8	9.0	7.9 - 10.1
RDW-SD (fL)	39.5	33.2 - 45.8	37.8	32.1 - 43.5	40.8	35.3 - 46.3
RDW-CV (%)	14.6	12.6 - 16.6	11.9	10.0 - 13.8	12.9	11.0 - 14.8
MPV (fL)	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.4	8.6 - 10.2
W-SMV (fL)	60.7	48.7 - 72.7	61.4	49.4 - 73.4	61.6	50.6 - 72.6
W-LMV (fL)	198.4	158.4 - 238.4	198.9	168.9 - 228.9	199.8	169.8 - 229.8
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.4	2.9 - 3.9	7.0	6.3 - 7.7	18.1	16.3 - 19.9
RBC (10 ⁶ /μL)	2.33	2.13 - 2.53	4.43	4.17 - 4.69	5.38	5.12 - 5.64
HGB (g/dL)	5.5	5.1 - 5.9	12.0	11.2 - 12.8	15.3	14.4 - 16.2
HCT (%)	16.3	14.8 - 17.8	34.0	31.6 - 36.4	43.2	39.6 - 46.8
MCV (fL)	69.7	56.7 - 82.7	76.8	66.3 - 87.3	80.4	69.1 - 91.7
MCH (pg)	23.6	19.4 - 27.8	27.0	23.3 - 30.7	28.4	25.1 - 31.7
MCHC (g/dL)	33.9	28.4 - 39.4	35.2	30.3 - 40.1	35.4	30.4 - 40.4
PLT (10 ³ /μL)	84	67 - 101	229	192 - 266	556	493 - 619
Lymph (W-SCR) (%)	20.1	16.4 - 23.8	29.9	26.8 - 33.0	35.0	31.4 - 38.6
Mixed (W-MCR) (%)	9.6	4.8 - 14.4	10.7	7.9 - 13.5	15.3	12.7 - 17.9
Neut (W-LCR) (%)	70.3	65.2 - 75.4	59.4	55.9 - 62.9	49.7	45.8 - 53.6
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	2.8	2.3 - 3.3
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.2	3.6 - 4.8	9.0	8.0 - 10.0
W-SMV (fL)	59.3	47.3 - 71.3	59.6	47.6 - 71.6	59.5	48.5 - 70.5
W-LMV (fL)	191.0	151.0 - 231.0	191.6	161.6 - 221.6	191.9	161.9 - 221.9
RDW-SD (fL)	39.6	33.8 - 45.4	37.7	32.3 - 43.1	41.0	35.6 - 46.4
RDW-CV (%)	14.2	12.5 - 15.9	11.8	10.2 - 13.4	13.0	11.3 - 14.7
MPV (fL)	9.6	8.2 - 11.0	9.7	8.7 - 10.7	9.7	8.9 - 10.5

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		
	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: 40510710			Lot Number: 40510711			Lot Number: 40510712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.4	0.5		7.0	0.7		18.1	1.8	
RBC (10 ⁶ /μL)	2.33	0.20		4.43	0.26		5.38	0.26	
HGB (g/dL)	5.5	0.4		12.0	0.8		15.3	0.9	
HCT (%)	16.3	1.5		34.0	2.4		43.2	3.6	
MCV (fL)	69.7	13.0		76.8	10.5		80.4	11.3	
MCH (pg)	23.6	4.2		27.0	3.7		28.4	3.3	
MCHC (g/dL)	33.9	5.5		35.2	4.9		35.4	5.0	
PLT (10 ³ /μL)	84	17		229	37		556	63	
Lymph (W-SCR) (%)	20.1	3.7		29.9	3.1		35.0	3.6	
Mixed (W-MCR) (%)	9.6	4.8		10.7	2.8		15.3	2.6	
Neut (W-LCR) (%)	70.3	5.1		59.4	3.5		49.7	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		2.8	0.5	
Neut (W-LCC) (10 ³ /μL)	2.4	0.4		4.2	0.6		9.0	1.0	
W-SMV (fL)	59.3	12.0		59.6	12.0		59.5	11.0	
W-LMV (fL)	191.0	40.0		191.6	30.0		191.9	30.0	
RDW-SD (fL)	39.6	5.8		37.7	5.4		41.0	5.4	
RDW-CV (%)	14.2	1.7		11.8	1.6		13.0	1.7	
MPV (fL)	9.6	1.4		9.7	1.0		9.7	0.8	

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