



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

Expiration Date: 8/21/2024	Insight Data Due Date #1: 16-Jun-24	Insight Data Due Date #2: 19-Jul-24	Insight Data Due Date #3: 21-Aug-24			
Lot Number:	41350710	41350711	41350712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® pocH-100i™						
WBC (10 ³ /μL)	3.1	2.7 - 3.5	6.7	6.0 - 7.4	16.9	15.1 - 18.7
RBC (10 ⁶ /μL)	2.41	2.20 - 2.62	4.53	4.27 - 4.79	5.43	5.17 - 5.69
HGB (g/dL)	5.6	5.3 - 5.9	12.5	11.8 - 13.2	16.8	16.1 - 17.5
HCT (%)	17.1	15.5 - 18.7	36.8	34.1 - 39.5	48.3	44.4 - 52.2
MCV (fL)	70.7	58.0 - 83.4	81.2	70.6 - 91.8	88.9	77.6 - 100.2
MCH (pg)	23.2	19.8 - 26.6	27.5	24.4 - 30.6	30.9	28.2 - 33.6
MCHC (g/dL)	32.8	28.7 - 36.9	33.9	30.1 - 37.7	34.7	30.8 - 38.6
PLT (10 ³ /μL)	84	67 - 101	219	183 - 255	527	467 - 587
Lymph (W-SCR) (%)	18.4	14.7 - 22.1	31.1	28.0 - 34.2	35.7	32.2 - 39.2
Mixed (W-MCR) (%)	10.6	6.0 - 15.2	11.2	8.4 - 14.0	16.9	14.2 - 19.6
Neut (W-LCR) (%)	71.0	65.8 - 76.2	57.6	54.1 - 61.1	47.4	43.5 - 51.3
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.0	5.3 - 6.7
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.9	2.4 - 3.4
Neut (W-LCC) (10 ³ /μL)	2.2	1.8 - 2.6	3.9	3.0 - 4.8	8.0	6.9 - 9.1
W-SMV (fL)	66.2	54.2 - 78.2	65.9	53.9 - 77.9	65.8	54.8 - 76.8
W-LMV (fL)	208.3	168.3 - 248.3	208.3	178.3 - 238.3	192.7	162.7 - 222.7
RDW-SD (fL)	44.7	37.6 - 51.8	45.6	38.8 - 52.4	44.9	38.1 - 51.7
RDW-CV (%)	17.9	15.5 - 20.3	16.2	13.9 - 18.5	14.2	11.7 - 16.7
MPV (fL)	10.5	8.9 - 12.1	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			
	Insight Due Date #1 6/16/2024			Insight Due Date #2 7/19/2024			Insight Due Date #3 8/21/2024			
	Expiration Date: 2024-08-21			Expiration Date: 2024-08-21			Expiration Date: 2024-08-21			
	Lot Number: 41350710			Lot Number: 41350711			Lot Number: 41350712			
	Mean	Limit	BCR			Mean	Limit	BCR		
WBC (10 ³ /μL)	3.1	0.4				6.7	0.7			
RBC (10 ⁶ /μL)	2.41	0.21				4.53	0.26			
HGB (g/dL)	5.6	0.3				12.5	0.7			
HCT (%)	17.1	1.6				36.8	2.7			
MCV (fL)	70.7	12.7				81.2	10.6			
MCH (pg)	23.2	3.4				27.5	3.1			
MCHC (g/dL)	32.8	4.1				33.9	3.8			
PLT (10 ³ /μL)	84	17				219	36			
Lymph (W-SCR) (%)	18.4	3.7				31.1	3.1			
Mixed (W-MCR) (%)	10.6	4.6				11.2	2.8			
Neut (W-LCR) (%)	71.0	5.2				57.6	3.5			
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2				2.1	0.5			
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2				0.8	0.2			
Neut (W-LCC) (10 ³ /μL)	2.2	0.4				3.9	0.9			
W-SMV (fL)	66.2	12.0				65.9	12.0			
W-LMV (fL)	208.3	40.0				208.3	30.0			
RDW-SD (fL)	44.7	7.1				45.6	6.8			
RDW-CV (%)	17.9	2.4				16.2	2.3			
MPV (fL)	10.5	1.6				10.2	1.1			

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



EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 8/21/2024	<i>Insight</i> Data Due Date #1: 16-Jun-24		<i>Insight</i> Data Due Date #2: 19-Jul-24		<i>Insight</i> Data Due Date #3: 21-Aug-24				
Lot Number:	41350710		41350711		41350712				
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	7.3	6.6	8.0	18.1	16.3	19.9
RBC (10 ⁶ /μL)	2.36	2.16	2.56	4.40	4.14	4.66	5.31	5.05	5.57
HGB (g/dL)	5.8	5.4	6.2	12.6	11.9	13.3	16.9	16.1	17.7
HCT (%)	16.0	14.6	17.4	34.4	32.1	36.7	45.3	41.7	48.9
MCV (fL)	67.9	54.2	81.6	78.2	67.5	88.9	85.2	73.6	96.8
MCH (pg)	24.4	20.2	28.6	28.6	25.0	32.2	31.9	28.5	35.3
MCHC (g/dL)	35.9	30.2	41.6	36.6	31.5	41.7	37.4	32.1	42.7
PLT (10 ³ /μL)	87	67	107	225	184	266	548	479	617
Lymph (W-SCR) (%)	19.0	15.3	22.7	30.5	27.5	33.5	33.7	30.2	37.2
Mixed (W-MCR) (%)	11.0	6.4	15.6	11.1	8.4	13.8	17.0	14.3	19.7
Neut (W-LCR) (%)	70.0	64.8	75.2	58.5	54.9	62.1	49.3	45.4	53.2
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	0.9	2.2	1.7	2.7	6.1	5.3	6.9
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	4.3	3.7	4.9	8.9	7.8	10.0
RDW-SD (fL)	38.4	32.1	44.7	36.8	31.1	42.5	34.1	28.6	39.6
RDW-CV (%)	14.2	12.2	16.2	11.6	9.7	13.5	9.2	7.3	11.1
MPV (fL)	9.2	7.8	10.6	9.3	8.3	10.3	9.3	8.5	10.1
W-SMV (fL)	62.4	50.4	74.4	63.0	51.0	75.0	63.3	52.3	74.3
W-LMV (fL)	203.7	163.7	243.7	203.7	173.7	233.7	189.9	159.9	219.9
Sysmex® XP-SERIES™									
WBC (10 ³ /μL)	3.4	2.9	3.9	7.2	6.5	7.9	17.7	15.9	19.5
RBC (10 ⁶ /μL)	2.36	2.16	2.56	4.39	4.13	4.65	5.27	5.01	5.53
HGB (g/dL)	5.5	5.1	5.9	12.4	11.6	13.2	16.7	15.8	17.6
HCT (%)	16.0	14.5	17.5	34.2	31.8	36.6	44.9	41.3	48.5
MCV (fL)	67.9	54.9	80.9	77.8	67.3	88.3	85.2	73.9	96.5
MCH (pg)	23.5	19.3	27.7	28.2	24.5	31.9	31.6	28.3	34.9
MCHC (g/dL)	34.7	29.2	40.2	36.3	31.4	41.2	37.1	32.1	42.1
PLT (10 ³ /μL)	86	69	103	224	187	261	548	485	611
Lymph (W-SCR) (%)	18.5	14.8	22.2	30.1	27.0	33.2	33.6	30.0	37.2
Mixed (W-MCR) (%)	10.7	5.9	15.5	11.1	8.3	13.9	16.3	13.7	18.9
Neut (W-LCR) (%)	70.8	65.7	75.9	58.8	55.3	62.3	50.1	46.2	54.0
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4	0.8	2.2	1.7	2.7	6.0	5.2	6.8
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)	2.4	2.0	2.8	4.2	3.6	4.8	8.9	7.9	9.9
W-SMV (fL)	60.9	48.9	72.9	61.4	49.4	73.4	62.0	51.0	73.0
W-LMV (fL)	196.5	156.5	236.5	196.9	166.9	226.9	183.3	153.3	213.3
RDW-SD (fL)	37.7	31.9	43.5	36.8	31.4	42.2	33.6	28.2	39.0
RDW-CV (%)	13.9	12.2	15.6	11.4	9.8	13.0	9.1	7.4	10.8
MPV (fL)	9.4	8.0	10.8	9.6	8.6	10.6	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 6/16/2024			<i>Insight</i> Due Date #2 7/19/2024			<i>Insight</i> Due Date #3 8/21/2024		
	Expiration Date: 2024-08-21			Expiration Date: 2024-08-21			Expiration Date: 2024-08-21		
	Lot Number: 41350710			Lot Number: 41350711			Lot Number: 41350712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.4	0.5		7.2	0.7		17.7	1.8	
RBC (10 ⁶ /μL)	2.36	0.20		4.39	0.26		5.27	0.26	
HGB (g/dL)	5.5	0.4		12.4	0.8		16.7	0.9	
HCT (%)	16.0	1.5		34.2	2.4		44.9	3.6	
MCV (fL)	67.9	13.0		77.8	10.5		85.2	11.3	
MCH (pg)	23.5	4.2		28.2	3.7		31.6	3.3	
MCHC (g/dL)	34.7	5.5		36.3	4.9		37.1	5.0	
PLT (10 ³ /μL)	86	17		224	37		548	63	
Lymph (W-SCR) (%)	18.5	3.7		30.1	3.1		33.6	3.6	
Mixed (W-MCR) (%)	10.7	4.8		11.1	2.8		16.3	2.6	
Neut (W-LCR) (%)	70.8	5.1		58.8	3.5		50.1	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.2	0.5		6.0	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)	2.4	0.4		4.2	0.6		8.9	1.0	
W-SMV (fL)	60.9	12.0		61.4	12.0		62.0	11.0	
W-LMV (fL)	196.5	40.0		196.9	30.0		183.3	30.0	
RDW-SD (fL)	37.7	5.8		36.8	5.4		33.6	5.4	
RDW-CV (%)	13.9	1.7		11.4	1.6		9.1	1.7	
MPV (fL)	9.4	1.4		9.6	1.0		9.5	0.8	

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