



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

Expiration Date: 7/1/2020	<i>Insight</i> Data Due Date #1: 26-Apr-20	<i>Insight</i> Data Due Date #2: 29-May-20	<i>Insight</i> Data Due Date #3: 01-Jul-20			
Lot Number:	00850710	00850711	00850712			
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	6.4	5.7 - 7.1	17.2	15.4 - 19.0
RBC (10 ⁶ /μL)	2.31	2.10 - 2.52	4.41	4.15 - 4.67	5.47	5.21 - 5.73
HGB (g/dL)	5.6	5.3 - 5.9	11.7	11.0 - 12.4	16.3	15.6 - 17.0
HCT (%)	17.4	15.8 - 19.0	35.3	32.6 - 38.0	47.5	43.6 - 51.4
MCV (fL)	75.0	62.3 - 87.7	79.9	69.3 - 90.5	86.8	75.5 - 98.1
MCH (pg)	24.2	20.8 - 27.6	26.6	23.5 - 29.7	29.9	27.2 - 32.6
MCHC (g/dL)	32.3	28.2 - 36.4	33.2	29.4 - 37.0	34.4	30.5 - 38.3
PLT (10 ³ /μL)	55	38 - 72	227	191 - 263	540	480 - 600
Lymph (W-SCR) (%)	24.5	20.8 - 28.2	30.6	27.5 - 33.7	36.2	32.7 - 39.7
Mixed (W-MCR) (%)	9.6	5.0 - 14.2	9.9	7.1 - 12.7	15.0	12.3 - 17.7
Neut (W-LCR) (%)	65.9	60.7 - 71.1	59.5	56.0 - 63.0	48.7	44.8 - 52.6
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.0	1.5 - 2.5	6.2	5.5 - 6.9
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.6	0.4 - 0.8	2.6	2.1 - 3.1
Neut (W-LCC) (10 ³ /μL)	1.9	1.5 - 2.3	3.8	2.9 - 4.7	8.4	7.3 - 9.5
W-SMV (fL)	63.5	46.9 - 80.1	63.7	49.2 - 78.2	64.0	50.9 - 77.1
W-LMV (fL)	205.7	185.2 - 226.2	206.5	186.2 - 226.8	206.7	186.4 - 227.0
RDW-SD (fL)	44.6	37.5 - 51.7	45.4	38.6 - 52.2	45.3	38.5 - 52.1
RDW-CV (%)	16.9	14.5 - 19.3	16.2	13.9 - 18.5	14.7	12.2 - 17.2
MPV (fL)	10.6	9.0 - 12.2	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 4/26/2020			<i>Insight</i> Due Date #2 5/29/2020			<i>Insight</i> Due Date #3 7/1/2020		
	Expiration Date: 2020-07-01			Expiration Date: 2020-07-01			Expiration Date: 2020-07-01		
	Lot Number: 00850710			Lot Number: 00850711			Lot Number: 00850712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.0	0.4		6.4	0.7		17.2	1.8	
RBC (10 ⁶ /μL)	2.31	0.21		4.41	0.26		5.47	0.26	
HGB (g/dL)	5.6	0.3		11.7	0.7		16.3	0.7	
HCT (%)	17.4	1.6		35.3	2.7		47.5	3.9	
MCV (fL)	75.0	12.7		79.9	10.6		86.8	11.3	
MCH (pg)	24.2	3.4		26.6	3.1		29.9	2.7	
MCHC (g/dL)	32.3	4.1		33.2	3.8		34.4	3.9	
PLT (10 ³ /μL)	55	17		227	36		540	60	
Lymph (W-SCR) (%)	24.5	3.7		30.6	3.1		36.2	3.5	
Mixed (W-MCR) (%)	9.6	4.6		9.9	2.8		15.0	2.7	
Neut (W-LCR) (%)	65.9	5.2		59.5	3.5		48.7	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.0	0.5		6.2	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.6	0.2		2.6	0.5	
Neut (W-LCC) (10 ³ /μL)	1.9	0.4		3.8	0.9		8.4	1.1	
W-SMV (fL)	63.5	16.6		63.7	14.5		64.0	13.1	
W-LMV (fL)	205.7	20.5		206.5	20.3		206.7	20.3	
RDW-SD (fL)	44.6	7.1		45.4	6.8		45.3	6.8	
RDW-CV (%)	16.9	2.4		16.2	2.3		14.7	2.5	
MPV (fL)	10.6	1.6		10.3	1.1		10.1	0.9	

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EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 7/1/2020	<i>Insight</i> Data Due Date #1: 26-Apr-20		<i>Insight</i> Data Due Date #2: 29-May-20		<i>Insight</i> Data Due Date #3: 01-Jul-20				
Lot Number:	00850710		00850711		00850712				
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	6.9	6.2	7.6	17.9	16.1	19.7
RBC (10 ⁶ /μL)	2.28	2.08	2.48	4.28	4.02	4.54	5.30	5.04	5.56
HGB (g/dL)	5.8	5.4	6.2	12.0	11.3	12.7	16.6	15.8	17.4
HCT (%)	16.3	14.9	17.7	32.6	30.3	34.9	43.9	40.3	47.5
MCV (fL)	71.3	57.6	85.0	76.2	65.5	86.9	82.8	71.2	94.4
MCH (pg)	25.6	21.4	29.8	28.0	24.4	31.6	31.2	27.8	34.6
MCHC (g/dL)	35.8	30.1	41.5	36.8	31.7	41.9	37.7	32.4	43.0
PLT (10 ³ /μL)	57	37	77	227	186	268	543	474	612
Lymph (W-SCR) (%)	24.7	21.0	28.4	30.5	27.5	33.5	35.8	32.3	39.3
Mixed (W-MCR) (%)	9.9	5.3	14.5	9.7	7.0	12.4	15.2	12.5	17.9
Neut (W-LCR) (%)	65.3	60.1	70.5	59.8	56.2	63.4	49.0	45.1	52.9
Lymph (W-SCC) (10 ³ /μL)	0.8	0.6	1.0	2.1	1.6	2.6	6.4	5.6	7.2
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.7	2.1	3.3
Neut (W-LCC) (10 ³ /μL)	2.1	1.7	2.5	4.1	3.5	4.7	8.8	7.7	9.9
RDW-SD (fL)	38.2	31.9	44.5	37.9	32.2	43.6	35.7	30.2	41.2
RDW-CV (%)	13.3	11.3	15.3	12.2	10.3	14.1	10.3	8.4	12.2
MPV (fL)	9.2	7.8	10.6	9.4	8.4	10.4	9.4	8.6	10.2
W-SMV (fL)	60.4	51.0	69.8	60.9	54.0	67.8	61.5	55.2	67.8
W-LMV (fL)	198.2	182.8	213.6	198.3	182.9	213.7	199.4	184.9	213.9
Sysmex® XP-SERIES™									
WBC (10 ³ /μL)	3.0	2.5	3.5	6.8	6.1	7.5	17.6	15.8	19.4
RBC (10 ⁶ /μL)	2.27	2.07	2.47	4.30	4.04	4.56	5.34	5.08	5.60
HGB (g/dL)	5.5	5.1	5.9	11.7	10.9	12.5	16.1	15.2	17.0
HCT (%)	16.2	14.7	17.7	32.9	30.5	35.3	44.4	40.8	48.0
MCV (fL)	71.6	58.6	84.6	76.5	66.0	87.0	83.1	71.8	94.4
MCH (pg)	24.4	20.2	28.6	27.2	23.5	30.9	30.2	26.9	33.5
MCHC (g/dL)	34.1	28.6	39.6	35.6	30.7	40.5	36.4	31.4	41.4
PLT (10 ³ /μL)	56	39	73	228	191	265	552	489	615
Lymph (W-SCR) (%)	24.4	20.7	28.1	30.0	26.9	33.1	35.7	32.1	39.3
Mixed (W-MCR) (%)	10.3	5.5	15.1	10.5	7.7	13.3	15.4	12.8	18.0
Neut (W-LCR) (%)	65.3	60.2	70.4	59.5	56.0	63.0	48.9	45.0	52.8
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	0.9	2.0	1.5	2.5	6.3	5.5	7.1
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1	0.5	0.7	0.5	0.9	2.7	2.2	3.2
Neut (W-LCC) (10 ³ /μL)	2.0	1.6	2.4	4.0	3.4	4.6	8.6	7.6	9.6
W-SMV (fL)	63.5	53.9	73.1	63.7	56.7	70.7	64.4	58.0	70.8
W-LMV (fL)	206.9	191.6	222.2	207.1	191.8	222.4	208.0	193.7	222.3
RDW-SD (fL)	38.0	32.2	43.8	37.8	32.4	43.2	35.4	30.0	40.8
RDW-CV (%)	13.0	11.3	14.7	12.1	10.5	13.7	10.1	8.4	11.8
MPV (fL)	9.2	7.8	10.6	9.2	8.2	10.2	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 4/26/2020			<i>Insight</i> Due Date #2 5/29/2020			<i>Insight</i> Due Date #3 7/1/2020		
	Expiration Date: 2020-07-01			Expiration Date: 2020-07-01			Expiration Date: 2020-07-01		
	Lot Number: 00850710			Lot Number: 00850711			Lot Number: 00850712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.0	0.5		6.8	0.7		17.6	1.8	
RBC (10 ⁶ /μL)	2.27	0.20		4.30	0.26		5.34	0.26	
HGB (g/dL)	5.5	0.4		11.7	0.8		16.1	0.9	
HCT (%)	16.2	1.5		32.9	2.4		44.4	3.6	
MCV (fL)	71.6	13.0		76.5	10.5		83.1	11.3	
MCH (pg)	24.4	4.2		27.2	3.7		30.2	3.3	
MCHC (g/dL)	34.1	5.5		35.6	4.9		36.4	5.0	
PLT (10 ³ /μL)	56	17		228	37		552	63	
Lymph (W-SCR) (%)	24.4	3.7		30.0	3.1		35.7	3.6	
Mixed (W-MCR) (%)	10.3	4.8		10.5	2.8		15.4	2.6	
Neut (W-LCR) (%)	65.3	5.1		59.5	3.5		48.9	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.0	0.5		6.3	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.7	0.5	
Neut (W-LCC) (10 ³ /μL)	2.0	0.4		4.0	0.6		8.6	1.0	
W-SMV (fL)	63.5	9.6		63.7	7.0		64.4	6.4	
W-LMV (fL)	206.9	15.3		207.1	15.3		208.0	14.3	
RDW-SD (fL)	38.0	5.8		37.8	5.4		35.4	5.4	
RDW-CV (%)	13.0	1.7		12.1	1.6		10.1	1.7	
MPV (fL)	9.2	1.4		9.2	1.0		9.4	0.8	

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