



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:	00840710	00840711	00840712			
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	6.5	5.8 - 7.2	16.9	15.1 - 18.7
RBC (10 ⁶ /μL)	2.31	2.10 - 2.52	4.41	4.15 - 4.67	5.31	5.05 - 5.57
HGB (g/dL)	5.6	5.3 - 5.9	11.8	11.1 - 12.5	15.6	14.9 - 16.3
HCT (%)	17.3	15.7 - 18.9	35.4	32.7 - 38.1	45.8	41.9 - 49.7
MCV (fL)	74.7	62.0 - 87.4	80.2	69.6 - 90.8	86.3	75.0 - 97.6
MCH (pg)	24.3	20.9 - 27.7	26.7	23.6 - 29.8	29.4	26.7 - 32.1
MCHC (g/dL)	32.5	28.4 - 36.6	33.4	29.6 - 37.2	34.1	30.2 - 38.0
PLT (10 ³ /μL)	54	37 - 71	223	187 - 259	535	475 - 595
Lymph (W-SCR) (%)	24.9	21.2 - 28.6	30.9	27.8 - 34.0	35.7	32.2 - 39.2
Mixed (W-MCR) (%)	10.0	5.4 - 14.6	10.5	7.7 - 13.3	15.7	13.0 - 18.4
Neut (W-LCR) (%)	65.1	59.9 - 70.3	58.6	55.1 - 62.1	48.6	44.7 - 52.5
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.0	1.5 - 2.5	6.0	5.3 - 6.7
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)	1.9	1.5 - 2.3	3.8	2.9 - 4.7	8.2	7.1 - 9.3
W-SMV (fL)	63.8	47.2 - 80.4	63.6	49.1 - 78.1	63.6	50.5 - 76.7
W-LMV (fL)	206.6	186.1 - 227.1	206.7	186.4 - 227.0	206.8	186.5 - 227.1
RDW-SD (fL)	43.9	36.8 - 51.0	42.7	35.9 - 49.5	45.9	39.1 - 52.7
RDW-CV (%)	16.6	14.2 - 19.0	15.1	12.8 - 17.4	15.1	12.6 - 17.6
MPV (fL)	10.5	8.9 - 12.1	10.1	9.0 - 11.2	10.0	9.1 - 10.9

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: 00840710			Lot Number: 00840711			Lot Number: 00840712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.0	0.4		6.5	0.7		16.9	1.8	
RBC (10 ⁶ /μL)	2.31	0.21		4.41	0.26		5.31	0.26	
HGB (g/dL)	5.6	0.3		11.8	0.7		15.6	0.7	
HCT (%)	17.3	1.6		35.4	2.7		45.8	3.9	
MCV (fL)	74.7	12.7		80.2	10.6		86.3	11.3	
MCH (pg)	24.3	3.4		26.7	3.1		29.4	2.7	
MCHC (g/dL)	32.5	4.1		33.4	3.8		34.1	3.9	
PLT (10 ³ /μL)	54	17		223	36		535	60	
Lymph (W-SCR) (%)	24.9	3.7		30.9	3.1		35.7	3.5	
Mixed (W-MCR) (%)	10.0	4.6		10.5	2.8		15.7	2.7	
Neut (W-LCR) (%)	65.1	5.2		58.6	3.5		48.6	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.0	0.5		6.0	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.7	0.5	
Neut (W-LCC) (10 ³ /μL)	1.9	0.4		3.8	0.9		8.2	1.1	
W-SMV (fL)	63.8	16.6		63.6	14.5		63.6	13.1	
W-LMV (fL)	206.6	20.5		206.7	20.3		206.8	20.3	
RDW-SD (fL)	43.9	7.1		42.7	6.8		45.9	6.8	
RDW-CV (%)	16.6	2.4		15.1	2.3		15.1	2.5	
MPV (fL)	10.5	1.6		10.1	1.1		10.0	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:	00840710		00840711		00840712	
Control:	Low Abnormal		Normal		High Abnormal	
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES™						
WBC (10 ³ /μL)	3.2	2.7 - 3.7	6.9	6.2 - 7.6	17.7	15.9 - 19.5
RBC (10 ⁶ /μL)	2.27	2.07 - 2.47	4.29	4.03 - 4.55	5.17	4.91 - 5.43
HGB (g/dL)	5.8	5.4 - 6.2	12.1	11.4 - 12.8	16.0	15.2 - 16.8
HCT (%)	16.2	14.8 - 17.6	32.7	30.4 - 35.0	42.5	38.9 - 46.1
MCV (fL)	71.2	57.5 - 84.9	76.2	65.5 - 86.9	82.3	70.7 - 93.9
MCH (pg)	25.7	21.5 - 29.9	28.3	24.7 - 31.9	30.9	27.5 - 34.3
MCHC (g/dL)	36.1	30.4 - 41.8	37.1	32.0 - 42.2	37.5	32.2 - 42.8
PLT (10 ³ /μL)	56	36 - 76	225	184 - 266	545	476 - 614
Lymph (W-SCR) (%)	25.5	21.8 - 29.2	31.0	28.0 - 34.0	35.2	31.7 - 38.7
Mixed (W-MCR) (%)	9.0	4.4 - 13.6	10.4	7.7 - 13.1	15.5	12.8 - 18.2
Neut (W-LCR) (%)	65.5	60.3 - 70.7	58.6	55.0 - 62.2	49.3	45.4 - 53.2
Lymph (W-SCC) (10 ³ /μL)	0.8	0.6 - 1.0	2.1	1.6 - 2.6	6.2	5.4 - 7.0
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	8.7	7.6 - 9.8
RDW-SD (fL)	37.3	31.0 - 43.6	34.2	28.5 - 39.9	36.4	30.9 - 41.9
RDW-CV (%)	12.9	10.9 - 14.9	10.7	8.8 - 12.6	10.7	8.8 - 12.6
MPV (fL)	9.2	7.8 - 10.6	9.3	8.3 - 10.3	9.4	8.6 - 10.2
W-SMV (fL)	60.1	50.7 - 69.5	60.4	53.5 - 67.3	61.0	54.7 - 67.3
W-LMV (fL)	197.7	182.3 - 213.1	198.7	183.3 - 214.1	199.2	184.7 - 213.7
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.1	2.6 - 3.6	6.9	6.2 - 7.6	17.4	15.6 - 19.2
RBC (10 ⁶ /μL)	2.28	2.08 - 2.48	4.31	4.05 - 4.57	5.19	4.93 - 5.45
HGB (g/dL)	5.5	5.1 - 5.9	11.7	10.9 - 12.5	15.5	14.6 - 16.4
HCT (%)	16.3	14.8 - 17.8	33.0	30.6 - 35.4	43.0	39.4 - 46.6
MCV (fL)	71.4	58.4 - 84.4	76.6	66.1 - 87.1	82.7	71.4 - 94.0
MCH (pg)	24.3	20.1 - 28.5	27.2	23.5 - 30.9	29.8	26.5 - 33.1
MCHC (g/dL)	34.0	28.5 - 39.5	35.6	30.7 - 40.5	36.0	31.0 - 41.0
PLT (10 ³ /μL)	54	37 - 71	231	194 - 268	553	490 - 616
Lymph (W-SCR) (%)	25.2	21.5 - 28.9	31.2	28.1 - 34.3	35.2	31.6 - 38.8
Mixed (W-MCR) (%)	9.4	4.6 - 14.2	10.8	8.0 - 13.6	16.0	13.4 - 18.6
Neut (W-LCR) (%)	65.4	60.3 - 70.5	58.1	54.6 - 61.6	48.8	44.9 - 52.7
Lymph (W-SCC) (10 ³ /μL)	0.8	0.6 - 1.0	2.1	1.6 - 2.6	6.1	5.3 - 6.9
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)	2.0	1.6 - 2.4	4.0	3.4 - 4.6	8.5	7.5 - 9.5
W-SMV (fL)	63.5	53.9 - 73.1	63.7	56.7 - 70.7	64.2	57.8 - 70.6
W-LMV (fL)	205.7	190.4 - 221.0	207.7	192.4 - 223.0	208.6	194.3 - 222.9
RDW-SD (fL)	37.1	31.3 - 42.9	34.1	28.7 - 39.5	36.2	30.8 - 41.6
RDW-CV (%)	12.7	11.0 - 14.4	10.5	8.9 - 12.1	10.6	8.9 - 12.3
MPV (fL)	9.1	7.7 - 10.5	9.3	8.3 - 10.3	9.3	8.5 - 10.1

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		
	<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: 00840710			Lot Number: 00840711			Lot Number: 00840712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.1	0.5		6.9	0.7		17.4	1.8	
RBC (10 ⁶ /μL)	2.28	0.20		4.31	0.26		5.19	0.26	
HGB (g/dL)	5.5	0.4		11.7	0.8		15.5	0.9	
HCT (%)	16.3	1.5		33.0	2.4		43.0	3.6	
MCV (fL)	71.4	13.0		76.6	10.5		82.7	11.3	
MCH (pg)	24.3	4.2		27.2	3.7		29.8	3.3	
MCHC (g/dL)	34.0	5.5		35.6	4.9		36.0	5.0	
PLT (10 ³ /μL)	54	17		231	37		553	63	
Lymph (W-SCR) (%)	25.2	3.7		31.2	3.1		35.2	3.6	
Mixed (W-MCR) (%)	9.4	4.8		10.8	2.8		16.0	2.6	
Neut (W-LCR) (%)	65.4	5.1		58.1	3.5		48.8	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.8	0.2		2.1	0.5		6.1	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.8	0.5	
Neut (W-LCC) (10 ³ /μL)	2.0	0.4		4.0	0.6		8.5	1.0	
W-SMV (fL)	63.5	9.6		63.7	7.0		64.2	6.4	
W-LMV (fL)	205.7	15.3		207.7	15.3		208.6	14.3	
RDW-SD (fL)	37.1	5.8		34.1	5.4		36.2	5.4	
RDW-CV (%)	12.7	1.7		10.5	1.6		10.6	1.7	
MPV (fL)	9.1	1.4		9.3	1.0		9.3	0.8	

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