



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

Expiration Date: 5/4/2022	<i>Insight</i> Data Due Date #1: 27-Feb-22	<i>Insight</i> Data Due Date #2: 01-Apr-22	<i>Insight</i> Data Due Date #3: 04-May-22			
Lot Number:	20250710	20250711	20250712			
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	6.9	6.2 - 7.6	18.3	16.5 - 20.1
RBC (10 ⁶ /μL)	2.41	2.20 - 2.62	4.51	4.25 - 4.77	5.48	5.22 - 5.74
HGB (g/dL)	6.4	6.1 - 6.7	13.3	12.6 - 14.0	17.5	16.8 - 18.2
HCT (%)	19.0	17.4 - 20.6	38.8	36.1 - 41.5	50.2	46.3 - 54.1
MCV (fL)	78.9	66.2 - 91.6	85.9	75.3 - 96.5	91.7	80.4 - 103.0
MCH (pg)	26.4	23.0 - 29.8	29.5	26.4 - 32.6	31.9	29.2 - 34.6
MCHC (g/dL)	33.5	29.4 - 37.6	34.3	30.5 - 38.1	34.8	30.9 - 38.7
PLT (10 ³ /μL)	58	41 - 75	229	193 - 265	540	480 - 600
Lymph (W-SCR) (%)	18.9	15.2 - 22.6	31.9	28.8 - 35.0	36.3	32.8 - 39.8
Mixed (W-MCR) (%)	8.2	3.6 - 12.8	11.0	8.2 - 13.8	15.5	12.8 - 18.2
Neut (W-LCR) (%)	72.9	67.7 - 78.1	57.1	53.6 - 60.6	48.2	44.3 - 52.1
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.2	1.7 - 2.7	6.6	5.9 - 7.3
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)	2.3	1.9 - 2.7	4.0	3.1 - 4.9	8.8	7.7 - 9.9
W-SMV (fL)	64.9	52.9 - 76.9	64.6	52.6 - 76.6	64.2	53.2 - 75.2
W-LMV (fL)	202.6	162.6 - 242.6	202.0	172.0 - 232.0	202.2	172.2 - 232.2
RDW-SD (fL)	45.5	38.4 - 52.6	43.3	36.5 - 50.1	46.5	39.7 - 53.3
RDW-CV (%)	16.3	13.9 - 18.7	14.4	12.1 - 16.7	14.6	12.1 - 17.1
MPV (fL)	10.0	8.4 - 11.6	9.8	8.7 - 10.9	9.5	8.6 - 10.4

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 2/27/2022			<i>Insight</i> Due Date #2 4/1/2022			<i>Insight</i> Due Date #3 5/4/2022		
	Expiration Date: 2022-05-04			Expiration Date: 2022-05-04			Expiration Date: 2022-05-04		
	Lot Number: 20250710			Lot Number: 20250711			Lot Number: 20250712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.2	0.4		6.9	0.7		18.3	1.8	
RBC (10 ⁶ /μL)	2.41	0.21		4.51	0.26		5.48	0.26	
HGB (g/dL)	6.4	0.3		13.3	0.7		17.5	0.7	
HCT (%)	19.0	1.6		38.8	2.7		50.2	3.9	
MCV (fL)	78.9	12.7		85.9	10.6		91.7	11.3	
MCH (pg)	26.4	3.4		29.5	3.1		31.9	2.7	
MCHC (g/dL)	33.5	4.1		34.3	3.8		34.8	3.9	
PLT (10 ³ /μL)	58	17		229	36		540	60	
Lymph (W-SCR) (%)	18.9	3.7		31.9	3.1		36.3	3.5	
Mixed (W-MCR) (%)	8.2	4.6		11.0	2.8		15.5	2.7	
Neut (W-LCR) (%)	72.9	5.2		57.1	3.5		48.2	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.2	0.5		6.6	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.8	0.2		2.8	0.5	
Neut (W-LCC) (10 ³ /μL)	2.3	0.4		4.0	0.9		8.8	1.1	
W-SMV (fL)	64.9	12.0		64.6	12.0		64.2	11.0	
W-LMV (fL)	202.6	40.0		202.0	30.0		202.2	30.0	
RDW-SD (fL)	45.5	7.1		43.3	6.8		46.5	6.8	
RDW-CV (%)	16.3	2.4		14.4	2.3		14.6	2.5	
MPV (fL)	10.0	1.6		9.8	1.1		9.5	0.9	

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



EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 5/4/2022	<i>Insight</i> Data Due Date #1: 27-Feb-22		<i>Insight</i> Data Due Date #2: 01-Apr-22		<i>Insight</i> Data Due Date #3: 04-May-22	
Lot Number:	20250710		20250711		20250712	
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	7.1	6.4 - 7.8	18.3	16.5 - 20.1
RBC (10 ⁶ /μL)	2.37	2.17 - 2.57	4.37	4.11 - 4.63	5.34	5.08 - 5.60
HGB (g/dL)	6.5	6.1 - 6.9	13.4	12.7 - 14.1	17.4	16.6 - 18.2
HCT (%)	17.9	16.5 - 19.3	35.8	33.5 - 38.1	46.6	43.0 - 50.2
MCV (fL)	75.3	61.6 - 89.0	81.9	71.2 - 92.6	87.3	75.7 - 98.9
MCH (pg)	27.2	23.0 - 31.4	30.7	27.1 - 34.3	32.7	29.3 - 36.1
MCHC (g/dL)	36.2	30.5 - 41.9	37.5	32.4 - 42.6	37.4	32.1 - 42.7
PLT (10 ³ /μL)	61	41 - 81	242	201 - 283	570	501 - 639
Lymph (W-SCR) (%)	19.5	15.8 - 23.2	32.1	29.1 - 35.1	36.3	32.8 - 39.8
Mixed (W-MCR) (%)	8.5	3.9 - 13.1	11.1	8.4 - 13.8	15.0	12.3 - 17.7
Neut (W-LCR) (%)	72.0	66.8 - 77.2	56.8	53.2 - 60.4	48.8	44.9 - 52.7
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.3	1.8 - 2.8	6.6	5.8 - 7.4
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.7	2.1 - 3.3
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.1	3.5 - 4.7	8.9	7.8 - 10.0
RDW-SD (fL)	38.4	32.1 - 44.7	34.3	28.6 - 40.0	36.4	30.9 - 41.9
RDW-CV (%)	12.5	10.5 - 14.5	9.9	8.0 - 11.8	10.1	8.2 - 12.0
MPV (fL)	8.9	7.5 - 10.3	9.1	8.1 - 10.1	8.9	8.1 - 9.7
W-SMV (fL)	60.7	48.7 - 72.7	61.4	49.4 - 73.4	61.6	50.6 - 72.6
W-LMV (fL)	194.1	154.1 - 234.1	194.4	164.4 - 224.4	195.0	165.0 - 225.0
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.2	2.7 - 3.7	7.0	6.3 - 7.7	18.0	16.2 - 19.8
RBC (10 ⁶ /μL)	2.37	2.17 - 2.57	4.39	4.13 - 4.65	5.33	5.07 - 5.59
HGB (g/dL)	6.2	5.8 - 6.6	13.0	12.2 - 13.8	17.0	16.1 - 17.9
HCT (%)	17.9	16.4 - 19.4	36.1	33.7 - 38.5	46.8	43.2 - 50.4
MCV (fL)	75.6	62.6 - 88.6	82.2	71.7 - 92.7	87.8	76.5 - 99.1
MCH (pg)	26.1	21.9 - 30.3	29.7	26.0 - 33.4	31.9	28.6 - 35.2
MCHC (g/dL)	34.6	29.1 - 40.1	36.1	31.2 - 41.0	36.3	31.3 - 41.3
PLT (10 ³ /μL)	60	43 - 77	240	203 - 277	562	499 - 625
Lymph (W-SCR) (%)	20.0	16.3 - 23.7	32.4	29.3 - 35.5	36.0	32.4 - 39.6
Mixed (W-MCR) (%)	8.3	3.5 - 13.1	10.9	8.1 - 13.7	16.0	13.4 - 18.6
Neut (W-LCR) (%)	71.6	66.5 - 76.7	56.7	53.2 - 60.2	48.0	44.1 - 51.9
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.3	1.8 - 2.8	6.5	5.7 - 7.3
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)	2.3	1.9 - 2.7	4.0	3.4 - 4.6	8.6	7.6 - 9.6
W-SMV (fL)	63.9	51.9 - 75.9	64.4	52.4 - 76.4	64.5	53.5 - 75.5
W-LMV (fL)	202.6	162.6 - 242.6	202.9	172.9 - 232.9	204.1	174.1 - 234.1
RDW-SD (fL)	38.1	32.3 - 43.9	34.0	28.6 - 39.4	36.2	30.8 - 41.6
RDW-CV (%)	12.2	10.5 - 13.9	9.6	8.0 - 11.2	9.8	8.1 - 11.5
MPV (fL)	8.9	7.5 - 10.3	9.0	8.0 - 10.0	8.9	8.1 - 9.7

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 2/27/2022			<i>Insight</i> Due Date #2 4/1/2022			<i>Insight</i> Due Date #3 5/4/2022		
	Expiration Date: 2022-05-04			Expiration Date: 2022-05-04			Expiration Date: 2022-05-04		
	Lot Number: 20250710			Lot Number: 20250711			Lot Number: 20250712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.2	0.5		7.0	0.7		18.0	1.8	
RBC (10 ⁶ /μL)	2.37	0.20		4.39	0.26		5.33	0.26	
HGB (g/dL)	6.2	0.4		13.0	0.8		17.0	0.9	
HCT (%)	17.9	1.5		36.1	2.4		46.8	3.6	
MCV (fL)	75.6	13.0		82.2	10.5		87.8	11.3	
MCH (pg)	26.1	4.2		29.7	3.7		31.9	3.3	
MCHC (g/dL)	34.6	5.5		36.1	4.9		36.3	5.0	
PLT (10 ³ /μL)	60	17		240	37		562	63	
Lymph (W-SCR) (%)	20.0	3.7		32.4	3.1		36.0	3.6	
Mixed (W-MCR) (%)	8.3	4.8		10.9	2.8		16.0	2.6	
Neut (W-LCR) (%)	71.6	5.1		56.7	3.5		48.0	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.3	0.5		6.5	0.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.8	0.2		2.9	0.5	
Neut (W-LCC) (10 ³ /μL)	2.3	0.4		4.0	0.6		8.6	1.0	
W-SMV (fL)	63.9	12.0		64.4	12.0		64.5	11.0	
W-LMV (fL)	202.6	40.0		202.9	30.0		204.1	30.0	
RDW-SD (fL)	38.1	5.8		34.0	5.4		36.2	5.4	
RDW-CV (%)	12.2	1.7		9.6	1.6		9.8	1.7	
MPV (fL)	8.9	1.4		9.0	1.0		8.9	0.8	

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