



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

Expiration Date: 11/13/2024	Insight Data Due Date #1: 08-Sep-24	Insight Data Due Date #2: 11-Oct-24	Insight Data Due Date #3: 13-Nov-24			
Lot Number:	42200710	42200711	42200712			
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	6.6	5.9 - 7.3	16.6	14.8 - 18.4
RBC (10 ⁶ /μL)	2.50	2.29 - 2.71	4.60	4.34 - 4.86	5.53	5.27 - 5.79
HGB (g/dL)	6.0	5.7 - 6.3	12.8	12.1 - 13.5	16.8	16.1 - 17.5
HCT (%)	18.5	16.9 - 20.1	38.1	35.4 - 40.8	49.0	45.1 - 52.9
MCV (fL)	74.0	61.3 - 86.7	82.8	72.2 - 93.4	88.6	77.3 - 99.9
MCH (pg)	24.0	20.6 - 27.4	27.8	24.7 - 30.9	30.3	27.6 - 33.0
MCHC (g/dL)	32.5	28.4 - 36.6	33.6	29.8 - 37.4	34.2	30.3 - 38.1
PLT (10 ³ /μL)	80	63 - 97	223	187 - 259	516	456 - 576
Lymph (W-SCR) (%)	21.0	17.3 - 24.7	30.8	27.7 - 33.9	37.3	33.8 - 40.8
Mixed (W-MCR) (%)	8.5	3.9 - 13.1	10.4	7.6 - 13.2	15.7	13.0 - 18.4
Neut (W-LCR) (%)	70.5	65.3 - 75.7	58.7	55.2 - 62.2	47.0	43.1 - 50.9
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	0.7	0.5 - 0.9	2.6	2.1 - 3.1
Neut (W-LCC) (10 ³ /μL)	2.2	1.8 - 2.6	3.9	3.0 - 4.8	7.8	6.7 - 8.9
W-SMV (fL)	63.1	51.1 - 75.1	63.3	51.3 - 75.3	63.6	52.6 - 74.6
W-LMV (fL)	203.8	163.8 - 243.8	204.2	174.2 - 234.2	193.2	163.2 - 223.2
RDW-SD (fL)	42.7	35.6 - 49.8	48.2	41.4 - 55.0	44.3	37.5 - 51.1
RDW-CV (%)	16.4	14.0 - 18.8	16.6	14.3 - 18.9	14.4	11.9 - 16.9
MPV (fL)	10.7	9.1 - 12.3	10.3	9.2 - 11.4	10.2	9.3 - 11.1

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 9/8/2024			Insight Due Date #2 10/11/2024			Insight Due Date #3 11/13/2024		
	Expiration Date: 2024-11-13			Expiration Date: 2024-11-13			Expiration Date: 2024-11-13		
	Lot Number: 42200710			Lot Number: 42200711			Lot Number: 42200712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.1	0.4		6.6	0.7		16.6	1.8	
RBC (10 ⁶ /μL)	2.50	0.21		4.60	0.26		5.53	0.26	
HGB (g/dL)	6.0	0.3		12.8	0.7		16.8	0.7	
HCT (%)	18.5	1.6		38.1	2.7		49.0	3.9	
MCV (fL)	74.0	12.7		82.8	10.6		88.6	11.3	
MCH (pg)	24.0	3.4		27.8	3.1		30.3	2.7	
MCHC (g/dL)	32.5	4.1		33.6	3.8		34.2	3.9	
PLT (10 ³ /μL)	80	17		223	36		516	60	
Lymph (W-SCR) (%)	21.0	3.7		30.8	3.1		37.3	3.5	
Mixed (W-MCR) (%)	8.5	4.6		10.4	2.8		15.7	2.7	
Neut (W-LCR) (%)	70.5	5.2		58.7	3.5		47.0	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		0.7	0.2		2.6	0.5	
Neut (W-LCC) (10 ³ /μL)	2.2	0.4		3.9	0.9		7.8	1.1	
W-SMV (fL)	63.1	12.0		63.3	12.0		63.6	11.0	
W-LMV (fL)	203.8	40.0		204.2	30.0		193.2	30.0	
RDW-SD (fL)	42.7	7.1		48.2	6.8		44.3	6.8	
RDW-CV (%)	16.4	2.4		16.6	2.3		14.4	2.5	
MPV (fL)	10.7	1.6		10.3	1.1		10.2	0.9	

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



EIGHTCHECK™-3WP X-TRA

HEMATOLOGY CONTROL

Expiration Date: 11/13/2024	Insight Data Due Date #1: 08-Sep-24	Insight Data Due Date #2: 11-Oct-24	Insight Data Due Date #3: 13-Nov-24			
Lot Number:	42200710	42200711	42200712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® KX-SERIES™						
WBC (10 ³ /μL)	3.4	2.9 - 3.9	6.9	6.2 - 7.6	17.6	15.8 - 19.4
RBC (10 ⁶ /μL)	2.45	2.25 - 2.65	4.44	4.18 - 4.70	5.37	5.11 - 5.63
HGB (g/dL)	6.2	5.8 - 6.6	12.8	12.1 - 13.5	16.8	16.0 - 17.6
HCT (%)	17.3	15.9 - 18.7	35.1	32.8 - 37.4	45.2	41.6 - 48.8
MCV (fL)	70.4	56.7 - 84.1	79.1	68.4 - 89.8	84.2	72.6 - 95.8
MCH (pg)	25.1	20.9 - 29.3	28.9	25.3 - 32.5	31.3	27.9 - 34.7
MCHC (g/dL)	35.7	30.0 - 41.4	36.5	31.4 - 41.6	37.2	31.9 - 42.5
PLT (10 ³ /μL)	83	63 - 103	227	186 - 268	535	466 - 604
Lymph (W-SCR) (%)	21.1	17.4 - 24.8	30.1	27.1 - 33.1	34.8	31.3 - 38.3
Mixed (W-MCR) (%)	9.2	4.6 - 13.8	11.0	8.3 - 13.7	15.9	13.2 - 18.6
Neut (W-LCR) (%)	69.7	64.5 - 74.9	58.9	55.3 - 62.5	49.3	45.4 - 53.2
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.1	5.3 - 6.9
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1 - 0.5	0.8	0.6 - 1.0	2.8	2.2 - 3.4
Neut (W-LCC) (10 ³ /μL)	2.4	2.0 - 2.8	4.1	3.5 - 4.7	8.7	7.6 - 9.8
RDW-SD (fL)	35.7	29.4 - 42.0	38.2	32.5 - 43.9	33.1	27.6 - 38.6
RDW-CV (%)	12.7	10.7 - 14.7	11.9	10.0 - 13.8	9.1	7.2 - 11.0
MPV (fL)	9.3	7.9 - 10.7	9.4	8.4 - 10.4	9.4	8.6 - 10.2
W-SMV (fL)	60.0	48.0 - 72.0	60.5	48.5 - 72.5	61.2	50.2 - 72.2
W-LMV (fL)	198.9	158.9 - 238.9	199.2	169.2 - 229.2	189.6	159.6 - 219.6
Sysmex® XP-SERIES™						
WBC (10 ³ /μL)	3.2	2.7 - 3.7	6.7	6.0 - 7.4	17.1	15.3 - 18.9
RBC (10 ⁶ /μL)	2.43	2.23 - 2.63	4.44	4.18 - 4.70	5.35	5.09 - 5.61
HGB (g/dL)	6.0	5.6 - 6.4	12.6	11.8 - 13.4	16.6	15.7 - 17.5
HCT (%)	17.1	15.6 - 18.6	35.0	32.6 - 37.4	45.1	41.5 - 48.7
MCV (fL)	70.4	57.4 - 83.4	78.8	68.3 - 89.3	84.3	73.0 - 95.6
MCH (pg)	24.5	20.3 - 28.7	28.5	24.8 - 32.2	30.9	27.6 - 34.2
MCHC (g/dL)	34.8	29.3 - 40.3	36.1	31.2 - 41.0	36.7	31.7 - 41.7
PLT (10 ³ /μL)	82	65 - 99	230	193 - 267	537	474 - 600
Lymph (W-SCR) (%)	21.4	17.7 - 25.1	30.8	27.7 - 33.9	35.0	31.4 - 38.6
Mixed (W-MCR) (%)	9.1	4.3 - 13.9	10.8	8.0 - 13.6	15.5	12.9 - 18.1
Neut (W-LCR) (%)	69.6	64.5 - 74.7	58.4	54.9 - 61.9	49.5	45.6 - 53.4
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	2.1	1.6 - 2.6	6.0	5.2 - 6.8
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)	2.3	1.9 - 2.7	3.9	3.3 - 4.5	8.5	7.5 - 9.5
W-SMV (fL)	58.7	46.7 - 70.7	59.1	47.1 - 71.1	59.9	48.9 - 70.9
W-LMV (fL)	192.8	152.8 - 232.8	192.8	162.8 - 222.8	183.6	153.6 - 213.6
RDW-SD (fL)	35.5	29.7 - 41.3	38.4	33.0 - 43.8	33.1	27.7 - 38.5
RDW-CV (%)	12.3	10.6 - 14.0	11.8	10.2 - 13.4	9.0	7.3 - 10.7
MPV (fL)	9.5	8.1 - 10.9	9.6	8.6 - 10.6	9.5	8.7 - 10.3

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



EIGHTCHECK™-3WP X-TRA

HEMATOLOGY CONTROL

XP-SERIES™

	Low Abnormal			Normal			High Abnormal		
	Insight Due Date #1 9/8/2024			Insight Due Date #2 10/11/2024			Insight Due Date #3 11/13/2024		
	Expiration Date: 2024-11-13			Expiration Date: 2024-11-13			Expiration Date: 2024-11-13		
	Lot Number: 42200710			Lot Number: 42200711			Lot Number: 42200712		
Parameters	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.2	0.5		6.7	0.7		17.1	1.8	
RBC (10 ⁶ /μL)	2.43	0.20		4.44	0.26		5.35	0.26	
HGB (g/dL)	6.0	0.4		12.6	0.8		16.6	0.9	
HCT (%)	17.1	1.5		35.0	2.4		45.1	3.6	
MCV (fL)	70.4	13.0		78.8	10.5		84.3	11.3	
MCH (pg)	24.5	4.2		28.5	3.7		30.9	3.3	
MCHC (g/dL)	34.8	5.5		36.1	4.9		36.7	5.0	
PLT (10 ³ /μL)	82	17		230	37		537	63	
Lymph (W-SCR) (%)	21.4	3.7		30.8	3.1		35.0	3.6	
Mixed (W-MCR) (%)	9.1	4.8		10.8	2.8		15.5	2.6	
Neut (W-LCR) (%)	69.6	5.1		58.4	3.5		49.5	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.1	0.5		6.0	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)	2.3	0.4		3.9	0.6		8.5	1.0	
W-SMV (fL)	58.7	12.0		59.1	12.0		59.9	11.0	
W-LMV (fL)	192.8	40.0		192.8	30.0		183.6	30.0	
RDW-SD (fL)	35.5	5.8		38.4	5.4		33.1	5.4	
RDW-CV (%)	12.3	1.7		11.8	1.6		9.0	1.7	
MPV (fL)	9.5	1.4		9.6	1.0		9.5	0.8	

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