



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

Expiration Date: 11/17/2021	<i>Insight</i> Data Due Date #1: 12-Sep-21	<i>Insight</i> Data Due Date #2: 15-Oct-21	<i>Insight</i> Data Due Date #3: 17-Nov-21			
Lot Number:	12230710	12230711	12230712			
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	6.8	6.1 - 7.5	17.9	16.1 - 19.7
RBC (10 ⁶ /μL)	2.36	2.15 - 2.57	4.47	4.21 - 4.73	5.40	5.14 - 5.66
HGB (g/dL)	6.4	6.1 - 6.7	13.2	12.5 - 13.9	17.0	16.3 - 17.7
HCT (%)	18.9	17.3 - 20.5	38.5	35.8 - 41.2	48.6	44.7 - 52.5
MCV (fL)	80.0	67.3 - 92.7	86.1	75.5 - 96.7	89.9	78.6 - 101.2
MCH (pg)	26.9	23.5 - 30.3	29.5	26.4 - 32.6	31.4	28.7 - 34.1
MCHC (g/dL)	33.7	29.6 - 37.8	34.3	30.5 - 38.1	34.9	31.0 - 38.8
PLT (10 ³ /μL)	57	40 - 74	214	178 - 250	511	451 - 571
Lymph (W-SCR) (%)	21.0	17.3 - 24.7	31.5	28.4 - 34.6	36.7	33.2 - 40.2
Mixed (W-MCR) (%)	8.7	4.1 - 13.3	9.6	6.8 - 12.4	14.8	12.1 - 17.5
Neut (W-LCR) (%)	70.3	65.1 - 75.5	59.0	55.5 - 62.5	48.5	44.6 - 52.4
Lymph (W-SCC) (10 ³ /μL)	0.6	0.4 - 0.8	2.1	1.6 - 2.6	6.6	5.9 - 7.3
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	4.0	3.1 - 4.9	8.7	7.6 - 9.8
W-SMV (fL)	63.3	51.3 - 75.3	62.9	50.9 - 74.9	63.0	52.0 - 74.0
W-LMV (fL)	202.6	162.6 - 242.6	202.7	172.7 - 232.7	202.7	172.7 - 232.7
RDW-SD (fL)	40.1	33.0 - 47.2	42.8	36.0 - 49.6	44.1	37.3 - 50.9
RDW-CV (%)	14.0	11.6 - 16.4	14.1	11.8 - 16.4	13.8	11.3 - 16.3
MPV (fL)	9.9	8.3 - 11.5	9.7	8.6 - 10.8	9.3	8.4 - 10.2

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 9/12/2021			<i>Insight</i> Due Date #2 10/15/2021			<i>Insight</i> Due Date #3 11/17/2021		
	Expiration Date: 2021-11-17			Expiration Date: 2021-11-17			Expiration Date: 2021-11-17		
	Lot Number: 12230710			Lot Number: 12230711			Lot Number: 12230712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	3.1	0.4		6.8	0.7		17.9	1.8	
RBC (10 ⁶ /μL)	2.36	0.21		4.47	0.26		5.40	0.26	
HGB (g/dL)	6.4	0.3		13.2	0.7		17.0	0.7	
HCT (%)	18.9	1.6		38.5	2.7		48.6	3.9	
MCV (fL)	80.0	12.7		86.1	10.6		89.9	11.3	
MCH (pg)	26.9	3.4		29.5	3.1		31.4	2.7	
MCHC (g/dL)	33.7	4.1		34.3	3.8		34.9	3.9	
PLT (10 ³ /μL)	57	17		214	36		511	60	
Lymph (W-SCR) (%)	21.0	3.7		31.5	3.1		36.7	3.5	
Mixed (W-MCR) (%)	8.7	4.6		9.6	2.8		14.8	2.7	
Neut (W-LCR) (%)	70.3	5.2		59.0	3.5		48.5	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.6	0.2		2.1	0.5		6.6	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		4.0	0.9		8.7	1.1	
W-SMV (fL)	63.3	12.0		62.9	12.0		63.0	11.0	
W-LMV (fL)	202.6	40.0		202.7	30.0		202.7	30.0	
RDW-SD (fL)	40.1	7.1		42.8	6.8		44.1	6.8	
RDW-CV (%)	14.0	2.4		14.1	2.3		13.8	2.5	
MPV (fL)	9.9	1.6		9.7	1.1		9.3	0.9	

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



EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 11/17/2021	<i>Insight</i> Data Due Date #1: 12-Sep-21		<i>Insight</i> Data Due Date #2: 15-Oct-21		<i>Insight</i> Data Due Date #3: 17-Nov-21					
Lot Number:	12230710		12230711		12230712					
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	7.2	6.5	- 7.9	18.6	16.8	- 20.4	
RBC (10 ⁶ /μL)	2.32	2.12	- 2.52	4.35	4.09	- 4.61	5.29	5.03	- 5.55	
HGB (g/dL)	6.5	6.1	- 6.9	13.4	12.7	- 14.1	17.0	16.2	- 17.8	
HCT (%)	17.4	16.0	- 18.8	35.4	33.1	- 37.7	45.1	41.5	- 48.7	
MCV (fL)	75.3	61.6	- 89.0	81.3	70.6	- 92.0	85.2	73.6	- 96.8	
MCH (pg)	28.0	23.8	- 32.2	30.7	27.1	- 34.3	32.2	28.8	- 35.6	
MCHC (g/dL)	37.2	31.5	- 42.9	37.8	32.7	- 42.9	37.7	32.4	- 43.0	
PLT (10 ³ /μL)	62	42	- 82	223	182	- 264	544	475	- 613	
Lymph (W-SCR) (%)	21.6	17.9	- 25.3	30.7	27.7	- 33.7	35.8	32.3	- 39.3	
Mixed (W-MCR) (%)	8.9	4.3	- 13.5	9.8	7.1	- 12.5	14.9	12.2	- 17.6	
Neut (W-LCR) (%)	69.6	64.4	- 74.8	59.5	55.9	- 63.1	49.3	45.4	- 53.2	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	- 0.9	2.2	1.7	- 2.7	6.6	5.8	- 7.4	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.1	- 0.5	0.7	0.5	- 0.9	2.8	2.2	- 3.4	
Neut (W-LCC) (10 ³ /μL)	2.3	1.9	- 2.7	4.3	3.7	- 4.9	9.2	8.1	- 10.3	
RDW-SD (fL)	32.4	26.1	- 38.7	33.7	28.0	- 39.4	35.2	29.7	- 40.7	
RDW-CV (%)	10.0	8.0	- 12.0	9.7	7.8	- 11.6	9.5	7.6	- 11.4	
MPV (fL)	8.7	7.3	- 10.1	8.9	7.9	- 9.9	8.8	8.0	- 9.6	
W-SMV (fL)	60.3	48.3	- 72.3	60.6	48.6	- 72.6	61.1	50.1	- 72.1	
W-LMV (fL)	196.0	156.0	- 236.0	195.9	165.9	- 225.9	197.0	167.0	- 227.0	
Sysmex® XP-SERIES™										
WBC (10 ³ /μL)	3.2	2.7	- 3.7	7.1	6.4	- 7.8	18.1	16.3	- 19.9	
RBC (10 ⁶ /μL)	2.34	2.14	- 2.54	4.40	4.14	- 4.66	5.32	5.06	- 5.58	
HGB (g/dL)	6.2	5.8	- 6.6	13.0	12.2	- 13.8	16.5	15.6	- 17.4	
HCT (%)	17.6	16.1	- 19.1	35.8	33.4	- 38.2	45.5	41.9	- 49.1	
MCV (fL)	75.6	62.6	- 88.6	81.5	71.0	- 92.0	85.6	74.3	- 96.9	
MCH (pg)	26.3	22.1	- 30.5	29.5	25.8	- 33.2	31.0	27.7	- 34.3	
MCHC (g/dL)	34.8	29.3	- 40.3	36.2	31.3	- 41.1	36.3	31.3	- 41.3	
PLT (10 ³ /μL)	59	42	- 76	221	184	- 258	537	474	- 600	
Lymph (W-SCR) (%)	21.7	18.0	- 25.4	31.1	28.0	- 34.2	35.8	32.2	- 39.4	
Mixed (W-MCR) (%)	9.5	4.7	- 14.3	10.2	7.4	- 13.0	15.2	12.6	- 17.8	
Neut (W-LCR) (%)	68.8	63.7	- 73.9	58.8	55.3	- 62.3	49.0	45.1	- 52.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	- 0.9	2.2	1.7	- 2.7	6.5	5.7	- 7.3	
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)	2.2	1.8	- 2.6	4.2	3.6	- 4.8	8.9	7.9	- 9.9	
W-SMV (fL)	63.1	51.1	- 75.1	63.9	51.9	- 75.9	64.0	53.0	- 75.0	
W-LMV (fL)	204.5	164.5	- 244.5	205.1	175.1	- 235.1	205.5	175.5	- 235.5	
RDW-SD (fL)	31.8	26.0	- 37.6	33.5	28.1	- 38.9	34.6	29.2	- 40.0	
RDW-CV (%)	9.7	8.0	- 11.4	9.5	7.9	- 11.1	9.2	7.5	- 10.9	
MPV (fL)	8.8	7.4	- 10.2	8.9	7.9	- 9.9	8.8	8.0	- 9.6	

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 9/12/2021			<i>Insight</i> Due Date #2 10/15/2021			<i>Insight</i> Due Date #3 11/17/2021		
	Expiration Date: 2021-11-17			Expiration Date: 2021-11-17			Expiration Date: 2021-11-17		
	Lot Number: 12230710			Lot Number: 12230711			Lot Number: 12230712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.2	0.5		7.1	0.7		18.1	1.8	
RBC (10 ⁶ /μL)	2.34	0.20		4.40	0.26		5.32	0.26	
HGB (g/dL)	6.2	0.4		13.0	0.8		16.5	0.9	
HCT (%)	17.6	1.5		35.8	2.4		45.5	3.6	
MCV (fL)	75.6	13.0		81.5	10.5		85.6	11.3	
MCH (pg)	26.3	4.2		29.5	3.7		31.0	3.3	
MCHC (g/dL)	34.8	5.5		36.2	4.9		36.3	5.0	
PLT (10 ³ /μL)	59	17		221	37		537	63	
Lymph (W-SCR) (%)	21.7	3.7		31.1	3.1		35.8	3.6	
Mixed (W-MCR) (%)	9.5	4.8		10.2	2.8		15.2	2.6	
Neut (W-LCR) (%)	68.8	5.1		58.8	3.5		49.0	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.2	0.5		6.5	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)	2.2	0.4		4.2	0.6		8.9	1.0	
W-SMV (fL)	63.1	12.0		63.9	12.0		64.0	11.0	
W-LMV (fL)	204.5	40.0		205.1	30.0		205.5	30.0	
RDW-SD (fL)	31.8	5.8		33.5	5.4		34.6	5.4	
RDW-CV (%)	9.7	1.7		9.5	1.6		9.2	1.7	
MPV (fL)	8.8	1.4		8.9	1.0		8.8	0.8	

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