



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

Expiration Date: 4/8/2020	Insight Data Due Date #1: 02-Feb-20	Insight Data Due Date #2: 06-Mar-20	Insight Data Due Date #3: 08-Apr-20			
Lot Number:	93650710	93650711	93650712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
Sysmex® poch-100i™						
WBC (10 ³ /μL)	2.9	2.5 - 3.3	6.3	5.6 - 7.0	16.7	14.9 - 18.5
RBC (10 ⁶ /μL)	2.32	2.11 - 2.53	4.42	4.16 - 4.68	5.36	5.10 - 5.62
HGB (g/dL)	5.7	5.4 - 6.0	11.9	11.2 - 12.6	15.9	15.2 - 16.6
HCT (%)	17.5	15.9 - 19.1	35.8	33.1 - 38.5	46.8	42.9 - 50.7
MCV (fL)	75.4	62.7 - 88.1	81.0	70.4 - 91.6	87.3	76.0 - 98.6
MCH (pg)	24.6	21.2 - 28.0	26.9	23.8 - 30.0	29.7	27.0 - 32.4
MCHC (g/dL)	32.6	28.5 - 36.7	33.2	29.4 - 37.0	34.0	30.1 - 37.9
PLT (10 ³ /μL)	53	36 - 70	225	189 - 261	514	454 - 574
Lymph (W-SCR) (%)	24.5	20.8 - 28.2	30.2	27.1 - 33.3	35.3	31.8 - 38.8
Mixed (W-MCR) (%)	10.0	5.4 - 14.6	10.9	8.1 - 13.7	16.5	13.8 - 19.2
Neut (W-LCR) (%)	65.5	60.3 - 70.7	58.9	55.4 - 62.4	48.2	44.3 - 52.1
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5 - 0.9	1.9	1.4 - 2.4	5.9	5.2 - 6.6
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)	1.9	1.5 - 2.3	3.7	2.8 - 4.6	8.0	6.9 - 9.1
W-SMV (fL)	65.8	49.2 - 82.4	65.2	50.7 - 79.7	64.8	51.7 - 77.9
W-LMV (fL)	205.7	185.2 - 226.2	206.2	185.9 - 226.5	206.0	185.7 - 226.3
RDW-SD (fL)	45.0	37.9 - 52.1	46.9	40.1 - 53.7	48.7	41.9 - 55.5
RDW-CV (%)	17.1	14.7 - 19.5	16.8	14.5 - 19.1	16.0	13.5 - 18.5
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		
	Insight Due Date #1 2/2/2020			Insight Due Date #2 3/6/2020			Insight Due Date #3 4/8/2020		
	Expiration Date: 2020-04-08			Expiration Date: 2020-04-08			Expiration Date: 2020-04-08		
	Lot Number: 93650710			Lot Number: 93650711			Lot Number: 93650712		
	Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR
WBC (10 ³ /μL)	2.9	0.4		6.3	0.7		16.7	1.8	
RBC (10 ⁶ /μL)	2.32	0.21		4.42	0.26		5.36	0.26	
HGB (g/dL)	5.7	0.3		11.9	0.7		15.9	0.7	
HCT (%)	17.5	1.6		35.8	2.7		46.8	3.9	
MCV (fL)	75.4	12.7		81.0	10.6		87.3	11.3	
MCH (pg)	24.6	3.4		26.9	3.1		29.7	2.7	
MCHC (g/dL)	32.6	4.1		33.2	3.8		34.0	3.9	
PLT (10 ³ /μL)	53	17		225	36		514	60	
Lymph (W-SCR) (%)	24.5	3.7		30.2	3.1		35.3	3.5	
Mixed (W-MCR) (%)	10.0	4.6		10.9	2.8		16.5	2.7	
Neut (W-LCR) (%)	65.5	5.2		58.9	3.5		48.2	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		1.9	0.5		5.9	0.7	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2		0.7	0.2		2.8	0.5	
Neut (W-LCC) (10 ³ /μL)	1.9	0.4		3.7	0.9		8.0	1.1	
W-SMV (fL)	65.8	16.6		65.2	14.5		64.8	13.1	
W-LMV (fL)	205.7	20.5		206.2	20.3		206.0	20.3	
RDW-SD (fL)	45.0	7.1		46.9	6.8		48.7	6.8	
RDW-CV (%)	17.1	2.4		16.8	2.3		16.0	2.5	
MPV (fL)	10.5	1.6		10.1	1.1		10.0	0.9	

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



EIGHTCHECK™-3WP X-TRA HEMATOLOGY CONTROL

Expiration Date: 4/8/2020	<i>Insight</i> Data Due Date #1: 02-Feb-20		<i>Insight</i> Data Due Date #2: 06-Mar-20		<i>Insight</i> Data Due Date #3: 08-Apr-20					
Lot Number:	93650710		93650711		93650712					
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	17.6	15.8	- 19.4	
RBC (10 ⁶ /μL)	2.29	2.09	- 2.49	4.31	4.05	- 4.57	5.26	5.00	- 5.52	
HGB (g/dL)	5.9	5.5	- 6.3	12.1	11.4	- 12.8	16.2	15.4	- 17.0	
HCT (%)	16.5	15.1	- 17.9	33.4	31.1	- 35.7	43.8	40.3	- 47.3	
MCV (fL)	72.1	60.6	- 85.7	77.5	68.0	- 88.2	83.3	73.0	- 94.7	
MCH (pg)	25.8	22.3	- 29.9	28.1	24.9	- 31.7	30.8	27.9	- 34.0	
MCHC (g/dL)	35.8	31.0	- 41.4	36.2	31.8	- 41.3	37.0	32.5	- 42.2	
PLT (10 ³ /μL)	55	37	- 73	227	186	- 268	526	458	- 594	
Lymph (W-SCR) (%)	25.1	21.3	- 28.9	29.9	26.9	- 32.9	34.4	31.0	- 37.8	
Mixed (W-MCR) (%)	9.8	5.4	- 14.2	10.9	8.2	- 13.6	16.1	13.4	- 18.8	
Neut (W-LCR) (%)	65.1	59.9	- 70.3	59.2	55.6	- 62.8	49.5	45.5	- 53.5	
Lymph (W-SCC) (10 ³ /μL)	0.8	0.6	- 1.0	2.1	1.5	- 2.6	6.1	5.3	- 6.8	
Mixed (W-MCC) (10 ³ /μL)	0.3	0.2	- 0.5	0.8	0.6	- 0.9	2.8	2.3	- 3.4	
Neut (W-LCC) (10 ³ /μL)	2.1	1.7	- 2.5	4.1	3.5	- 4.7	8.7	7.7	- 9.8	
RDW-SD (fL)	38.4	31.9	- 44.9	39.1	32.8	- 45.4	39.4	33.5	- 45.3	
RDW-CV (%)	13.5	11.3	- 15.7	12.9	10.7	- 15.1	11.7	9.6	- 13.8	
MPV (fL)	9.1	7.6	- 10.6	9.3	8.3	- 10.3	9.3	8.5	- 10.1	
W-SMV (fL)	62.3	53.0	- 71.6	61.8	55.0	- 68.6	62.0	55.8	- 68.2	
W-LMV (fL)	198.5	182.6	- 214.4	199.4	183.4	- 215.4	199.7	184.7	- 214.7	
Sysmex® XP-SERIES™										
WBC (10 ³ /μL)	3.0	2.5	- 3.5	6.8	6.1	- 7.5	17.4	15.6	- 19.2	
RBC (10 ⁶ /μL)	2.30	2.10	- 2.50	4.34	4.08	- 4.60	5.26	5.00	- 5.52	
HGB (g/dL)	5.6	5.2	- 6.0	11.8	11.0	- 12.6	15.9	15.0	- 16.8	
HCT (%)	16.6	15.1	- 18.1	33.8	31.4	- 36.2	44.0	40.4	- 47.6	
MCV (fL)	72.2	59.2	- 85.2	77.9	67.4	- 88.4	83.7	72.4	- 95.0	
MCH (pg)	24.3	20.1	- 28.5	27.2	23.5	- 30.9	30.2	26.9	- 33.5	
MCHC (g/dL)	33.7	28.2	- 39.2	34.9	30.0	- 39.8	36.1	31.1	- 41.1	
PLT (10 ³ /μL)	55	38	- 72	229	192	- 266	537	474	- 600	
Lymph (W-SCR) (%)	24.8	21.1	- 28.5	29.7	26.6	- 32.8	34.3	30.7	- 37.9	
Mixed (W-MCR) (%)	11.1	6.3	- 15.9	11.2	8.4	- 14.0	16.5	13.9	- 19.1	
Neut (W-LCR) (%)	64.1	59.0	- 69.2	59.1	55.6	- 62.6	49.2	45.3	- 53.1	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.5	- 0.9	2.0	1.5	- 2.5	6.0	5.2	- 6.8	
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)	2.0	1.6	- 2.4	4.0	3.4	- 4.6	8.5	7.5	- 9.5	
W-SMV (fL)	64.7	55.1	- 74.3	65.0	58.0	- 72.0	64.9	58.5	- 71.3	
W-LMV (fL)	207.6	192.3	- 222.9	207.8	192.5	- 223.1	208.4	194.1	- 222.7	
RDW-SD (fL)	38.4	32.6	- 44.2	39.3	33.9	- 44.7	39.4	34.0	- 44.8	
RDW-CV (%)	13.4	11.7	- 15.1	12.9	11.3	- 14.5	11.7	10.0	- 13.4	
MPV (fL)	9.2	7.8	- 10.6	9.2	8.2	- 10.2	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		2/2/2020	<i>Insight</i> Due Date #2		3/6/2020	<i>Insight</i> Due Date #3		4/8/2020
	Expiration Date: 2020-04-08			Expiration Date: 2020-04-08			Expiration Date: 2020-04-08		
	Lot Number: 93650710			Lot Number: 93650711			Lot Number: 93650712		
Mean	Limit	BCR	Mean	Limit	BCR	Mean	Limit	BCR	
WBC (10 ³ /μL)	3.0	0.5		6.8	0.7		17.4	1.8	
RBC (10 ⁶ /μL)	2.30	0.20		4.34	0.26		5.26	0.26	
HGB (g/dL)	5.6	0.4		11.8	0.8		15.9	0.9	
HCT (%)	16.6	1.5		33.8	2.4		44.0	3.6	
MCV (fL)	72.2	13.0		77.9	10.5		83.7	11.3	
MCH (pg)	24.3	4.2		27.2	3.7		30.2	3.3	
MCHC (g/dL)	33.7	5.5		34.9	4.9		36.1	5.0	
PLT (10 ³ /μL)	55	17		229	37		537	63	
Lymph (W-SCR) (%)	24.8	3.7		29.7	3.1		34.3	3.6	
Mixed (W-MCR) (%)	11.1	4.8		11.2	2.8		16.5	2.6	
Neut (W-LCR) (%)	64.1	5.1		59.1	3.5		49.2	3.9	
Lymph (W-SCC) (10 ³ /μL)	0.7	0.2		2.0	0.5		6.0	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)	2.0	0.4		4.0	0.6		8.5	1.0	
W-SMV (fL)	64.7	9.6		65.0	7.0		64.9	6.4	
W-LMV (fL)	207.6	15.3		207.8	15.3		208.4	14.3	
RDW-SD (fL)	38.4	5.8		39.3	5.4		39.4	5.4	
RDW-CV (%)	13.4	1.7		12.9	1.6		11.7	1.7	
MPV (fL)	9.2	1.4		9.2	1.0		9.3	0.8	

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