



EIGHTCHECK-3WP X-TRA™

HEMATOLOGY CONTROL

Expiration Date: 2011-10-05	Insight Data Due Date #1: 01-Aug-11	Insight Data Due Date #2: 03-Sep-11	Insight Data Due Date #3: 05-Oct-11			
Lot Number:	11790710	11790711	11790712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
SYSMEX KX-SERIES						
WBC x10 ³ /μL	3.0	2.6 - 3.5	6.8	6.1 - 7.5	17.9	16.1 - 19.7
RBC x10 ⁶ /μL	2.33	2.12 - 2.54	4.39	4.13 - 4.65	5.27	5.01 - 5.53
HGB g/dL	6.1	5.7 - 6.5	12.9	12.1 - 13.7	16.6	15.8 - 17.4
HCT %	16.8	15.4 - 18.2	35.1	32.6 - 37.6	44.7	41.1 - 48.3
MCV fL	72.1	60.6 - 85.8	80.0	70.1 - 91.0	84.8	74.3 - 96.4
MCH pg	26.2	22.6 - 30.4	29.4	26.1 - 33.1	31.5	28.5 - 34.8
MCHC g/dL	36.3	31.5 - 42.1	36.8	32.3 - 41.9	37.1	32.7 - 42.4
PLT x10 ³ /μL	52	35 - 69	198	162 - 234	467	406 - 528
Lymph (W-SCR) %	25.4	21.6 - 29.2	30.1	27.1 - 33.1	35.7	32.1 - 39.3
Mixed (W-MCR) %	10.4	5.7 - 15.1	12.9	9.7 - 16.1	16.5	13.7 - 19.3
Neut (W-LCR) %	64.2	59.1 - 69.3	57.0	53.6 - 60.4	47.8	44.0 - 51.6
Lymph (W-SCC) x10 ³ /μL	0.8	0.5 - 1.0	2.1	1.5 - 2.6	6.4	5.6 - 7.2
Mixed (W-MCC) x10 ³ /μL	0.3	0.2 - 0.5	0.9	0.7 - 1.1	3.0	2.4 - 3.5
Neut (W-LCC) x10 ³ /μL	1.9	1.6 - 2.3	3.9	3.3 - 4.5	8.6	7.5 - 9.6
RDW-CV %	11.0	9.2 - 12.8	9.6	8.0 - 11.2	9.5	7.8 - 11.2
RDW-SD fL	33.7	28.0 - 39.4	33.8	28.4 - 39.2	35.7	30.3 - 41.1
MPV fL	9.0	7.6 - 10.4	9.0	8.0 - 10.0	9.0	8.2 - 9.8
W-SMV fL	65.6	55.8 - 75.4	65.8	58.6 - 73.0	62.5	56.3 - 68.8
W-LMV fL	193.2	177.7 - 208.7	195.1	179.5 - 210.7	195.9	181.2 - 210.6
SYSMEX poch-100i						
Please note: Remove vial cap before running QC Product						
WBC x10 ³ /μL	2.9	2.5 - 3.3	6.8	6.1 - 7.5	18.1	16.3 - 19.9
RBC x10 ⁶ /μL	2.35	2.14 - 2.56	4.45	4.19 - 4.71	5.28	5.02 - 5.54
HGB g/dL	6.0	5.7 - 6.3	12.8	12.1 - 13.5	16.6	15.9 - 17.3
HCT %	18.2	16.6 - 19.8	38.0	35.3 - 40.7	47.7	43.8 - 51.6
MCV fL	77.4	64.7 - 90.1	85.4	74.8 - 96.0	90.3	79.0 - 101.6
MCH pg	25.5	22.1 - 28.9	28.8	25.7 - 31.9	31.4	28.7 - 34.1
MCHC g/dL	33.0	28.9 - 37.1	33.7	29.9 - 37.5	34.8	30.9 - 38.7
PLT x10 ³ /μL	49	32 - 66	194	158 - 230	445	385 - 505
Lymph (W-SCR) %	25.0	21.3 - 28.7	29.7	26.6 - 32.8	37.3	33.8 - 40.8
Mixed (W-MCR) %	10.7	6.1 - 15.3	13.1	10.3 - 15.9	15.9	13.2 - 18.6
Neut (W-LCR) %	64.3	59.1 - 69.5	57.2	53.7 - 60.7	46.8	42.9 - 50.7
Lymph (W-SCC) x10 ³ /μL	0.7	0.5 - 0.9	2.0	1.5 - 2.5	6.8	6.1 - 7.5
Mixed (W-MCC) x10 ³ /μL	0.3	0.1 - 0.5	0.9	0.7 - 1.1	2.9	2.4 - 3.4
Neut (W-LCC) x10 ³ /μL	1.9	1.5 - 2.3	3.9	3.0 - 4.8	8.4	7.3 - 9.5
RDW-CV %	15.1	12.7 - 17.5	14.2	11.9 - 16.5	14.0	11.5 - 16.5
RDW-SD fL	41.5	34.4 - 48.6	42.8	36.0 - 49.6	45.0	38.2 - 51.8
MPV fL	10.0	8.4 - 11.6	9.6	8.5 - 10.7	9.5	8.6 - 10.4
W-SMV fL	68.0	51.4 - 84.6	67.8	53.3 - 82.3	65.1	52.0 - 78.2
W-LMV fL	201.8	181.3 - 222.3	203.4	183.1 - 223.7	204.3	184.0 - 224.6

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



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Lot Number:	11790710	11790711	11790712			
Control:	Low Abnormal	Normal	High Abnormal			
Parameters	Mean	Expected Range	Mean	Expected Range	Mean	Expected Range
SYSMEX K-4500, OPEN MODE						
WBC x10 ³ /μL	3.3	2.9 - 3.7	7.4	6.6 - 8.2	19.2	17.3 - 21.1
RBC x10 ⁶ /μL	2.30	2.16 - 2.44	4.43	4.23 - 4.63	5.23	4.97 - 5.49
HGB g/dL	6.1	5.8 - 6.4	13.1	12.6 - 13.6	16.7	16.0 - 17.4
HCT %	16.5	15.2 - 17.8	35.0	32.6 - 37.5	44.1	41.0 - 47.2
MCV fL	71.7	62.3 - 82.4	79.0	70.3 - 88.5	84.3	74.7 - 95.0
MCH pg	26.5	23.8 - 29.6	29.6	27.3 - 32.0	31.9	29.2 - 35.0
MCHC g/dL	37.0	32.6 - 42.1	37.4	33.8 - 41.7	37.9	34.0 - 42.3
PLT x10 ³ /μL	51	35 - 67	198	170 - 226	439	391 - 487
Lymph (W-SCR) %	25.4	22.6 - 28.2	30.0	27.0 - 33.0	35.1	31.6 - 38.6
Mixed (W-MCR) %	11.3	6.2 - 16.4	12.9	9.7 - 16.1	16.0	13.3 - 18.7
Neut (W-LCR) %	63.3	59.5 - 67.1	57.1	53.7 - 60.5	48.9	46.0 - 51.8
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.1	2.2	1.7 - 2.8	6.7	5.1 - 8.4
Mixed (W-MCC) x10 ³ /μL	0.4	0.0 - 0.7	1.0	0.7 - 1.2	3.1	2.5 - 3.7
Neut (W-LCC) x10 ³ /μL	2.1	1.8 - 2.4	4.2	3.8 - 4.7	9.4	8.6 - 10.1
RDW-CV %	11.3	9.5 - 13.1	10.3	8.5 - 12.1	10.2	8.4 - 12.0
RDW-SD fL	23.4	19.4 - 27.4	24.8	20.8 - 28.8	27.8	23.6 - 32.0
MPV fL	8.8	7.8 - 9.8	8.9	8.2 - 9.6	8.9	8.1 - 9.7
W-SMV fL	59.1	53.8 - 64.4	59.5	54.1 - 64.9	57.4	52.2 - 62.6
W-LMV fL	195.6	180.0 - 211.2	197.0	181.2 - 212.8	199.2	184.3 - 214.1
SYSMEX K-4500, CLOSED MODE						
WBC x10 ³ /μL	3.3	2.8 - 3.8	7.3	6.3 - 8.2	18.8	16.4 - 21.3
RBC x10 ⁶ /μL	2.32	2.18 - 2.46	4.39	4.17 - 4.61	5.18	4.90 - 5.46
HGB g/dL	6.1	5.7 - 6.5	13.0	12.5 - 13.5	16.5	15.8 - 17.2
HCT %	16.7	15.3 - 18.1	34.6	32.0 - 37.2	43.6	40.3 - 46.9
MCV fL	71.9	62.3 - 82.9	78.9	69.4 - 89.2	84.2	73.8 - 95.7
MCH pg	26.3	23.3 - 29.6	29.6	27.1 - 32.4	31.9	28.8 - 35.2
MCHC g/dL	36.5	31.7 - 42.2	37.5	33.6 - 42.2	37.9	33.6 - 42.8
PLT x10 ³ /μL	50	33 - 68	184	156 - 212	404	351 - 457
Lymph (W-SCR) %	25.4	21.6 - 29.2	30.0	26.1 - 33.9	35.1	30.5 - 39.7
Mixed (W-MCR) %	11.3	5.7 - 17.0	12.9	8.6 - 17.2	16.0	12.6 - 19.4
Neut (W-LCR) %	63.3	57.0 - 69.6	57.1	51.4 - 62.8	48.9	44.0 - 53.8
Lymph (W-SCC) x10 ³ /μL	0.8	0.6 - 1.1	2.2	1.5 - 2.8	6.6	4.7 - 8.5
Mixed (W-MCC) x10 ³ /μL	0.4	0.0 - 0.7	0.9	0.4 - 1.5	3.0	2.3 - 3.7
Neut (W-LCC) x10 ³ /μL	2.1	1.7 - 2.5	4.1	3.6 - 4.7	9.2	8.1 - 10.3
RDW-CV %	11.3	9.5 - 13.1	10.3	8.5 - 12.1	10.2	8.4 - 12.0
RDW-SD fL	23.4	19.4 - 27.4	24.8	20.8 - 28.8	27.8	23.6 - 32.0
MPV fL	8.8	7.8 - 9.8	8.9	8.2 - 9.6	8.9	8.1 - 9.7
W-SMV fL	59.1	53.8 - 64.4	59.5	54.1 - 64.9	57.4	52.2 - 62.6
W-LMV fL	195.6	180.0 - 211.2	197.0	181.2 - 212.8	199.2	184.3 - 214.1

OPEN

CLOSED

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