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# CE EIGHTCHECK-3WP Assay Sheet

## Normal Level

**LOT**

7315 0822



17-Feb-2018

Temperature during Assay

25°C

Model		WBC	RBC	HGB		HCT	MCV	MCH		MCHC		PLT
		10e3/ $\mu$ l	10e6/ $\mu$ l	g/dl	mmol/l	%	fl	pg	fmol	g/dl	mmol/l	
K-800 K-1000 K-4500 1) 2)	Range	8.0	4.66	13.0	8.0	36.7	80.0	29.4	1825	38.7	24.1	260
		6.8	4.34	12.2	7.6	31.9	72.4	26.6	1651	34.7	21.5	192
	Mean	7.4	4.50	12.6	7.8	34.3	76.2	28.0	1738	36.7	22.8	226
	Limit %	8.0	3.5	3.0	3.0	7.0	5.0	5.0	5.0	5.5	5.5	15
K-4500 Closed Mode 2)	Range	7.9	4.73	13.1	8.1	36.9	80.0	29.7	1842	39.5	24.5	252
		6.1	4.27	12.1	7.5	31.7	72.4	26.3	1634	33.9	21.1	186
	Mean	7.0	4.50	12.6	7.8	34.3	76.2	28.0	1738	36.7	22.8	219
	Limit %	13.0	5.0	4.0	4.0	7.5	5.0	6.0	6.0	7.5	7.5	15
KX-21N KX-21 2)	Range	7.7	4.66	13.1	8.1	36.8	80.1	29.9	1853	39.7	24.6	265
		6.7	4.30	12.3	7.7	31.6	72.5	26.7	1659	34.5	21.4	195
	Mean	7.2	4.48	12.7	7.9	34.2	76.3	28.3	1756	37.1	23.0	230
	Limit %	7.0	4.0	3.0	3.0	7.5	5.0	5.5	5.5	7.0	7.0	15
F-800 F-820	Range	8.1	4.77	13.4	8.3	40.2	88.6	30.2	1.87	36.7	22.8	259
		6.7	4.31	12.2	7.5	35.0	77.0	26.2	1.63	31.3	19.4	191
	Mean	7.4	4.54	12.8	7.9	37.6	82.8	28.2	1.75	34.0	21.1	225
	Limit %	9.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	8.0	8.0	15
F-300 F-500 F-520	Range	8.1	4.77	13.4	8.3	40.2	88.8	30.2	1.87	36.7	22.8	243
		6.7	4.31	12.2	7.5	35.0	77.2	26.2	1.63	31.3	19.4	169
	Mean	7.4	4.54	12.8	7.9	37.6	83.0	28.2	1.75	34.0	21.1	206
	Limit %	9.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	8.0	8.0	18
poch-100i 2)	Range	7.8	4.88	13.2	8.2	40.3	85.0	28.7	1783	36.2	22.5	253
		6.6	4.42	12.0	7.4	34.3	75.4	25.5	1581	31.4	19.5	187
	Mean	7.2	4.65	12.6	7.8	37.3	80.2	27.1	1682	33.8	21.0	220
	Limit %	9.0	5.0	5.0	5.0	8.0	6.0	6.0	6.0	7.0	7.0	15
XP-Series 2)	Range	7.3	4.63	12.7	7.8	36.1	79.3	29.1	1807	39.2	24.3	270
		6.3	4.27	11.9	7.4	31.1	71.7	26.1	1619	34.0	21.1	200
	Mean	6.8	4.45	12.3	7.6	33.6	75.5	27.6	1713	36.6	22.7	235
	Limit %	7.0	4.0	3.0	3.0	7.5	5.0	5.5	5.5	7.0	7.0	15
	0.5	0.18	0.4	0.2	2.5	3.8	1.5	94	2.6	1.6	35	

Model		W-SCR	W-MCR	W-LCR	W-SCC	W-MCC	W-LCC	W-SMV	W-LMV	RDW-CV	RDW-SD	PDW	MPV	P-LCR	PCT
		%	%	% 3)	10e3/ $\mu$ l 3)	10e3/ $\mu$ l 3)	10e3/ $\mu$ l 3)	fl	fl	%	fl	fl	fl	%	%
K-1000 K-4500 1) 2)	Range	32.0	13.9	62.1	2.4	1.0	4.7	56.8	195.6	13.3	29.6	10.0	10.7	32.0	
		27.8	10.3	53.9	2.0	0.8	3.9	39.4	166.6	9.9	21.8	8.2	9.1	10.6	
	Mean	29.9	12.1	58.0	2.2	0.9	4.3	48.1	181.1	11.6	25.7	9.1	9.9	21.3	
	Limit %	7.0	15.0	7.0	10.0	15.0	10.0	18.0	8.0	15.0	15.0	10.0	8.0	50.0	
K-4500 Closed Mode 2)	Range	32.0	13.9	62.1	2.3	0.9	4.5	56.8	195.6	13.3	29.6	10.0	10.7	32.0	
		27.8	10.3	53.9	1.9	0.7	3.7	39.4	166.6	9.9	21.8	8.2	9.1	10.6	
	Mean	29.9	12.1	58.0	2.1	0.8	4.1	48.1	181.1	11.6	25.7	9.1	9.9	21.3	
	Limit %	7.0	15.0	7.0	10.0	15.0	10.0	18.0	8.0	15.0	15.0	10.0	8.0	50.0	
KX-21N KX-21 2)	Range	35.2	14.0	62.3	2.5	1.0	4.6	71.7	220.5	11.6	37.5	10.9	10.6	30.3	
		26.0	8.4	54.1	1.9	0.6	3.8	49.9	162.9	8.6	27.7	8.9	9.0	10.1	
	Mean	30.6	11.2	58.2	2.2	0.8	4.2	60.8	191.7	10.1	32.6	9.9	9.8	20.2	
	Limit %	15.0	25.0	7.0	15.0	25.0	10.0	18.0	15.0	15.0	15.0	10.0	8.0	50.0	
F-800 F-820	Range	36.5		78.5	2.6		5.5			16.0	47.3	11.0	12.1		
		26.9		58.1	2.0		4.3			11.8	34.9	6.6	8.1		
	Mean	31.7		68.3	2.3		5.1			13.9	41.1	8.8	10.1		
	Limit %	15.0		15.0	15.0		15.0			15.0	15.0	25.0	20.0		
poch-100i 2)	Range	35.4	13.2	63.0	2.5	0.9	4.8	74.7	220.5	18.5	49.9	11.0	11.7	36.2	
		26.2	7.4	54.8	1.9	0.5	3.8	51.9	162.9	13.7	36.9	9.0	9.9	9.0	
	Mean	30.8	10.3	58.9	2.2	0.7	4.3	63.3	191.7	16.1	43.4	10.0	10.8	22.6	
	Limit %	15.0	28.0	7.0	15.0	28.0	12.0	18.0	15.0	15.0	15.0	10.0	8.0	60.0	
XP-Series 2)	Range	35.0	13.9	62.6	2.4	1.0	4.3	71.5	217.2	11.3	37.3	10.8	10.8	32.0	0.34
		25.8	8.3	54.4	1.8	0.6	3.5	49.7	160.6	8.3	27.5	8.8	9.2	10.6	0.14
	Mean	30.4	11.1	58.5	2.1	0.8	3.9	60.6	188.9	9.8	32.4	9.8	10.0	21.3	0.24
	Limit %	15.0	25.0	7.0	15.0	25.0	10.0	18.0	15.0	15.0	15.0	10.0	8.0	50.0	43.0
	4.6	2.8	4.1	0.3	0.2	0.4	10.9	28.3	1.5	4.9	1.0	0.8	10.7	0.10	

Remarks:

1) K-4500: Open Mode assay values  
 2) MCH value in amol and not in fmol

3) These parameters values should be used as a reference only

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# CE EIGHTCHECK-3WP Assay Sheet

## High Level

LOT

7314 0823

17-Feb-2018

Temperature during Assay

25°C

Model		WBC 10e3/ $\mu$ l	RBC 10e6/ $\mu$ l	HGB		HCT %	MCV fl	MCH		MCHC		PLT 10e3/ $\mu$ l
				g/dl	mmol/l			pg	fmol	g/dl	mmol/l	
K-800 K-1000 K-4500 1) 2)	Range	21.0	5.54	17.1	10.6	47.6	87.4	32.6	2020	39.2	24.3	593
	Mean	17.8	5.16	16.1	10.0	41.4	79.0	29.4	1828	35.4	21.9	457
	Limit %	19.4	5.35	16.6	10.3	44.5	83.2	31.0	1924	37.3	23.1	525
K-4500 Closed Mode 2)	Range	8.0	3.5	3.1	3.1	7.0	5.0	5.0	5.0	5.0	5.0	13
	Mean	20.8	5.64	17.3	10.8	47.8	87.4	32.9	2039	40.1	24.8	575
	Limit %	16.0	5.06	15.9	9.8	41.2	79.0	29.1	1809	34.5	21.4	443
KX-21N KX-21 2)	Range	18.4	5.35	16.6	10.3	44.5	83.2	31.0	1924	37.3	23.1	509
	Mean	13.0	5.5	4.5	4.5	7.5	5.0	6.0	6.0	7.5	7.5	13
	Limit %	19.8	5.51	17.3	10.8	47.7	88.0	33.2	2063	40.2	24.9	622
F-800 F-820	Range	17.2	5.09	16.1	10.0	41.1	79.6	29.8	1847	35.0	21.7	478
	Mean	18.5	5.30	16.7	10.4	44.4	83.8	31.5	1955	37.6	23.3	550
	Limit %	7.0	4.0	3.5	3.5	7.5	5.0	5.5	5.5	7.0	7.0	13
F-300 F-500 F-520	Range	1.3	0.21	0.6	0.4	3.3	4.2	1.7	108	2.6	1.6	72
	Mean	21.7	5.69	17.7	11.0	51.7	95.3	33.4	2.08	37.8	23.4	610
	Limit %	18.1	5.15	16.1	10.0	44.9	82.9	29.0	1.80	32.2	20.0	450
pocH-100i 2)	Range	19.9	5.42	16.9	10.5	48.3	89.0	31.2	1.94	35.0	21.7	530
	Mean	9.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	8.0	8.0	15
	Limit %	21.7	5.69	17.7	11.0	51.7	95.2	33.4	2.08	37.8	23.4	545
XP-Series 2)	Range	18.1	5.15	16.1	10.0	44.9	82.8	29.0	1.80	32.2	20.0	379
	Mean	19.9	5.42	16.9	10.5	48.3	89.0	31.2	1.94	35.0	21.7	462
	Limit %	9.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	8.0	8.0	18
K-4500 Closed Mode 2)	Range	20.5	5.78	17.5	10.9	52.3	93.3	32.1	1991	36.9	22.9	598
	Mean	17.1	5.22	15.9	9.9	44.5	82.7	28.7	1783	32.1	19.9	442
	Limit %	18.8	5.50	16.7	10.4	48.4	88.0	30.4	1887	34.5	21.4	520
XP-Series 2)	Range	9.0	5.0	5.0	5.0	8.0	6.0	5.5	5.5	7.0	7.0	15
	Mean	17.1	5.22	15.9	9.9	44.5	82.7	28.7	1783	32.1	19.9	442
	Limit %	1.7	0.28	0.8	0.5	3.9	5.3	1.7	104	2.4	1.5	78
XP-Series 2)	Range	18.8	5.52	16.8	10.5	47.2	86.8	32.2	1997	39.5	24.5	642
	Mean	16.4	5.10	15.6	9.7	40.6	78.6	28.8	1789	34.3	21.3	494
	Limit %	17.6	5.31	16.2	10.1	43.9	82.7	30.5	1893	36.9	22.9	568
XP-Series 2)	Range	7.0	4.0	3.5	3.5	7.5	5.0	5.5	5.5	7.0	7.0	13
	Mean	18.8	5.52	16.8	10.5	47.2	86.8	32.2	1997	39.5	24.5	642
	Limit %	1.2	0.21	0.6	0.4	3.3	4.1	1.7	104	2.6	1.6	74

Model		W-SCR	W-MCR	W-LCR	W-SCC	W-MCC	W-LCC	W-SMV	W-LMV	RDW-CV	RDW-SD	PDW	MPV	P-LCR	PCT
		%	%	% 3)	10e3/ $\mu$ l 3)	10e3/ $\mu$ l 3)	10e3/ $\mu$ l 3)	fl	fl	%	fl	fl	fl	%	%
K-1000 K-4500 1)	Range	37.1	18.6	52.5	7.4	3.6	10.6	59.5	197.7	12.7	32.4	10.1	10.6	31.7	
	Mean	32.3	13.8	45.7	6.0	2.6	8.6	41.3	168.5	9.3	24.0	8.3	9.0	10.5	
	Limit %	34.7	16.2	49.1	6.7	3.1	9.6	50.4	183.1	11.0	28.2	9.2	9.8	21.1	
K-4500 Closed Mode 2)	Range	7.0	15.0	7.0	10.0	15.0	10.0	18.0	8.0	15.0	15.0	10.0	8.0	50.0	
	Mean	39.9	20.3	56.5	7.7	3.8	10.8	59.5	212.4	13.0	33.3	11.0	10.8	33.8	
	Limit %	29.5	12.1	41.7	5.1	2.2	7.2	41.3	153.8	9.0	23.1	7.4	8.8	8.4	
KX-21N KX-21 2)	Range	34.7	16.2	49.1	6.4	3.0	9.0	50.4	183.1	11.0	28.2	9.2	9.8	21.1	
	Mean	15.0	25.0	15.0	20.0	25.0	20.0	18.0	16.0	18.0	18.0	20.0	10.0	60.0	
	Limit %	41.3	19.1	52.2	7.6	3.5	10.0	71.4	221.7	11.2	39.1	11.2	10.5	31.1	
F-800 F-820	Range	30.5	11.5	45.4	5.6	2.1	8.2	49.6	163.9	8.2	28.9	9.2	8.9	10.3	
	Mean	35.9	15.3	48.8	6.6	2.8	9.1	60.5	192.8	9.7	34.0	10.2	9.7	20.7	
	Limit %	15.0	25.0	7.0	15.0	25.0	10.0	18.0	15.0	15.0	15.0	10.0	8.0	50.0	
pocH-100i 2)	Range	5.4	3.8	3.4	1.0	0.7	0.9	10.9	28.9	1.5	5.1	1.0	0.8	10.4	
	Mean	43.9	23.9	71.1	7.9	4.1	12.7	71.4	221.7	11.2	39.1	11.2	10.5	31.1	
	Limit %	32.5	13.8	45.7	6.0	2.6	8.6	41.3	168.5	9.3	24.0	8.3	9.0	10.5	
XP-Series 2)	Range	38.2	16.1	49.1	6.4	3.0	9.0	50.4	183.1	11.0	28.2	9.2	9.8	21.1	
	Mean	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
	Limit %	42.8	17.8	52.3	8.1	3.3	10.3	74.5	219.3	18.6	53.7	11.3	11.3	34.7	
XP-Series 2)	Range	31.6	10.0	45.5	5.9	1.9	8.1	51.7	162.1	13.8	39.7	9.3	9.7	8.7	
	Mean	37.2	13.9	48.9	7.0	2.8	9.2	63.1	190.7	16.2	46.7	10.3	10.5	21.7	
	Limit %	15.0	28.0	7.0	15.0	28.0	12.0	18.0	15.0	15.0	15.0	10.0	8.0	60.0	
XP-Series 2)	Range	5.6	3.9	3.4	1.1	0.7	1.1	11.4	28.6	2.4	7.0	1.0	0.8	13.0	
	Mean	41.5	18.6	52.4	7.4	3.3	9.5	71.2	218.2	10.9	39.0	11.0	10.7	32.4	0.80
	Limit %	30.7	11.2	45.6	5.4	1.9	7.7	49.4	161.2	8.1	28.8	9.0	9.1	10.8	0.32
XP-Series 2)	Range	36.1	14.9	49.0	6.4	2.6	8.6	60.3	189.7	9.5	33.9	10.0	9.9	21.6	0.56
	Mean	15.0	25.0	7.0	15.0	25.0	10.0	18.0	15.0	15.0	15.0	10.0	8.0	50.0	43.0
	Limit %	5.4	3.7	3.4	1.0	0.7	0.9	10.9	28.5	1.4	5.1	1.0	0.8	10.8	0.24

Remarks:

- 1) K-4500: Open Mode assay values  
 2) MCH value in amol and not in fmol

- 3) These parameters values should be used as a reference only