College of American Pathologists Survey (CAP) 2011

	test	2011(02)				2011(03)				Performance Interpretation
		Specimen	Result	Mean	SDI	Specimen	Result	Mean	SDI	
Chemistry	AST	C-06	75	74.9	0.0	C-11	171	171.1	0.0	Satisfactory
		C-07	180	181.8	-0.3	C-12	101	102.6	-0.3	
		C-08	42	43.0	-0.5	C-13	221	220.1	0.1	
		C-09	94	91.8	0.6	C-14	105	104.9	0.0	
		C-10	40	41.1	-0.5	C-15	89	89.4	-0.1	
	ALT	C-06	83	83.2	-0.1	C-11	161	160.2	0.3	Satisfactory
		C-07	163	162.9	0.0	C-12	107	106.9	0.0	
		C-08	45	45.0	0.0	C-13	207	204.4	0.8	
		C-09	103	102.0	0.6	C-14	108	107.2	0.4	
		C-10	46	45.1	0.9	C-15	89	88.9	0.1	
	ALP	C-06	333	337.2	-0.5	C-11	993	994.5	0.0	Satisfactory
		C-07	973	1008.7	-1.0	C-12	562	563.4	-0.1	
		C-08	199	205.0	-1.3	C-13	1252	1289.1	-0.6	
		C-09	395	402.8	-0.8	C-14	550	560.5	-0.8	
		C-10	202	208.3	-1.1	C-15	484	492.3	-0.7	
	LD	C-06	206	208.6	-0.8	C-11	355	350.5	0.8	Satisfactory
		C-07	344	352.1	-1.6	C-12	258	253.8	1.0	
		C-08	143	146.1	-1.0	C-13	429	427.1	0.3	
		C-09	236	239.5	-0.8	C-14	257	253.9	0.7	
		C-10	144	146.4	-0.8	C-15	228	223.8	1.0	
	γ-GT	C-06	74	73.4	0.4	C-11	137	134.1	1.1	Satisfactory
		C-07	134	133.8	0.1	C-12	99	96.5	1.3	
	AMY	C-06	114	110.3	0.6	C-11	268	254.7	0.8	Satisfactory
		C-07	268	258.5	0.6	C-12	164	157.3	0.7	
		C-08	79	76.0	0.7	C-13	338	321.1	0.8	
		C-09	132	127.6	0.7	C-14	165	157.5	0.9	
		C-10	79	75.9	0.7	C-15	147	140.8	0.8	
	CK	C-06	447	460.3	-1.9	C-11	134	135.9	-0.7	Satisfactory
		C-07	134	137.8	-1.7	C-12	331	337.8	-1.2	
		C-08	181	185.9	-1.5	C-13	163	162.7	0.1	
		C-09	585	600.8	-1.6	C-14	334	338.8	-0.9	
		C-10	180	185.4	-1.8	C-15	206	208.5	-0.7	
	Cholesterol , Total	C-06	207.4	209.15	-0.7	C-11	172.7	172.58	0.0	Satisfactory
		C-07	171.1	173.55	-1.3	C-12	192.7	194.59	-0.8	
		C-08	142.9	143.95	-0.8	C-13	193.2	194.37	-0.4	
		C-09	241.0	242.43	-0.5	C-14	194.3	195.15	-0.3	
		C-10	142.1	143.60	-1.2	C-15	162.1	163.19	-0.5	
	HDL-C	C-06	89.1	85.11	0.7	C-11	78.9	74.30	1.3	Satisfactory
		C-07	78.4	74.65	0.7	C-12	82.9	79.77	0.7	
		C-08	61.4	58.52	0.7	C-13	89.2	84.96	1.0	
		C-09	104.8	99.24	0.9	C-14	84.2	80.14	0.9	
		C-10	61.6	58.45	0.9	C-15	70.2	66.86	1.1	
	LDL-C	C-06	51.2	57.25	-1.0	C-11	36.1	39.87	-0.8	Satisfactory
		C-07	38.2	42.65	-0.9	C-12	44.9	49.51	-0.9	
		C-08	35.5	39.00	-0.8	C-13	40.2	43.97	-0.8	
		C-09	59.5	66.79	-1.1	C-14	44.6	49.64	-0.9	
		C-10	34.9	39.37	-1.0	C-15	37.3	41.10	-0.8	
	TG	C-06	175.5	178.47	-0.5	C-11	120.9	122.89	-0.6	Satisfactory
		C-07	119.0	122.14	-0.9	C-12	157.3	159.52	-0.5	
		C-08	121.1	123.49	-0.9	C-13	131.2	132.92	-0.5	
		C-09	203.8	207.49	-0.7	C-14	158.5	159.31	-0.2	
		C-10	120.5	122.77	-0.7	C-15	131.4	131.38	0.0	
	Protein ,total	C-06	4.6	4.87	-2.1	C-11	3.6	3.85	-2.5	Satisfactory
		C-07	3.7	3.84	-1.4	C-12	4.3	4.50	-1.7	
		C-08	3.1	3.39	-2.5	C-13	4.1	4.23	-1.4	
		C-09	5.4	5.61	-1.6	C-14	4.2	4.49	-2.4	
		C-10	3.1	3.38	-2.4	C-15	3.5	3.77	-2.3	
	Alb	C-06	3.2	3.13	0.8	C-11	2.5	2.49	0.2	Satisfactory
		C-07	2.5	2.46	0.6	C-12	2.9	2.91	-0.2	
		C-08	2.3	2.21	2.1	C-13	2.7	2.73	-0.4	
		C-09	3.7	3.62	0.8	C-14	2.9	2.92	-0.2	
		C-10	2.3	2.22	1.1	C-15	2.5	2.47	0.6	
	Glu	C-06	64.9	65.55	-1.1	C-11	239.5	238.16	0.5	Satisfactory
		C-07	237.7	238.15	-0.2	C-12	122.5	123.36	-0.5	
		C-08	84.2	84.90	-0.8	C-13	285.5	286.64	-0.4	
		C-09	55.1	55.80	-1.0	C-14	121.9	123.32	-1.1	
		C-10	84.2	84.80	-0.9	C-15	132.1	132.84	-0.5	
	BUN	C-06	17.0	16.56	1.4	C-11	35.5	35.78	-0.4	Satisfactory
		C-07	36.2	35.84	1.1	C-12	22.5	22.84	-0.7	
		C-08	13.1	12.85	1.5	C-13	44.0	44.09	-0.1	
		C-09	19.1	18.51	1.8	C-14	22.6	23.00	-0.9	
		C-10	13.3	12.87	2.1	C-15	20.5	21.05	-1.3	
	CRE	C-06	2.77	2.739	0.6	C-11	3.76	3.734	0.4	Satisfactory
		C-07	3.77	3.750	0.3	C-12	3.08	3.051	0.5	
		C-08	6.06	6.045	0.1	C-13	2.45	2.428	0.5	
		C-09	1.14	1.103	1.2	C-14	3.07	3.047	0.4	
		C-10	6.06	6.038	0.2	C-15	4.71	4.698	0.2	
	UA	C-06	2.8	2.87	-0.9	C-11	11.0	10.91	0.4	Satisfactory
		C-07	10.9	10.98	-0.6	C-12	5.5	5.56	-0.8	
		C-08	5.0	5.09	-1.3	C-13	12.6	12.54	0.3	
		C-09	1.7	1.78	-1.2	C-14	5.5	5.56	-0.8	
		C-10	5.0	5.09	-1.4	C-15	6.7	6.63	0.9	
	Bil,Direct	C-06	1.6	1.75	-0.8	C-11	1.1	1.06	0.6	No appropriate target
		C-07	1.0	0.95	0.7	C-12	1.5	1.59	-0.8	
		C-08	2.4	2.37	0.2	C-13	0.6	0.51	1.5	

	C-09	1.2	1.42	-0.9	C-14	1.5	1.58	-0.8	
	C-10	2.3	2.32	-0.2	C-15	1.9	1.86	0.4	
Bil,Total	C-06	3.2	3.25	-0.7	C-11	2.3	2.30	0.0	Satisfactory
	C-07	2.0	2.09	-1.6	C-12	3.0	3.04	-0.5	
	C-08	4.4	4.50	-1.2	C-13	1.4	1.33	1.5	
	C-09	2.5	2.53	-0.4	C-14	3.1	3.05	1.1	
	C-10	4.4	4.47	-0.8	C-15	3.8	3.68	1.9	
Prealbumin	C-06	17.5	16.52	0.8	C-11	12.4	13.10	-0.5	Satisfactory
	C-07	13.8	13.13	0.5	C-12	14.3	15.27	-0.9	
Lactate	C-06	5.1	5.06	0.1	C-11	3.2	3.06	0.7	Satisfactory
	C-07	3.1	3.03	0.3	C-12	4.5	4.40	0.4	
Ca	C-06	6.8	6.58	0.8	C-11	12.1	12.08	0.0	Satisfactory
	C-07	12.1	12.11	-0.2	C-12	8.6	8.38	0.9	
	C-08	8.4	5.36	0.3	C-13	13.1	13.02	0.3	
	C-09	6.0	5.71	1.2	C-14	8.6	8.39	0.9	
	C-10	8.4	8.37	0.2	C-15	9.4	9.29	0.5	
IP	C-06	4.2	4.17	0.0	C-11	2.7	2.60	0.8	Satisfactory
	C-07	2.6	2.60	0.1	C-12	3.7	3.64	0.5	
Na	C-06	151	151.3	-0.4	C-11	126	125.9	0.2	Satisfactory
	C-07	122	121.4	0.8	C-12	144	144.6	-0.8	
	C-08	141	141.4	-0.6	C-13	122	121.6	0.4	
	C-09	156	156.6	-0.8	C-14	144	144.7	-0.6	
	C-10	141	141.2	-0.2	C-15	139	139.4	-0.3	
K	C-06	5.0	5.01	-0.2	C-11	3.1	3.13	-0.6	Satisfactory
	C-07	3.1	3.10	0.0	C-12	4.3	4.35	-0.9	
	C-08	6.0	5.98	0.5	C-13	2.1	2.09	0.3	
	C-09	4.5	4.52	-0.5	C-14	4.3	4.35	-0.8	
	C-10	6.0	5.98	0.4	C-15	4.8	4.84	-0.7	
Cl	C-06	114	115.9	-1.5	C-11	90	91.3	-1.0	Satisfactory
	C-07	90	90.7	-0.7	C-12	106	108.2	-1.7	
	C-08	108	109.7	-1.2	C-13	85	85.7	-0.7	
	C-09	117	118.8	-1.5	C-14	107	108.7	-1.0	
	C-10	108	109.6	-1.1	C-15	104	105.5	-1.1	
Mg	C-06	3.7	3.72	-0.1	C-11	2.44	2.448	-0.1	Satisfactory
	C-07	2.5	2.46	-0.1	C-12	3.23	3.309	-0.7	
	C-08	5.1	5.18	-0.7	C-13	1.23	1.311	-1.0	
	C-09	2.9	3.02	-1.0	C-14	3.19	3.279	-1.0	
	C-10	5.2	5.20	0.0	C-15	3.97	4.049	-0.9	
Fe	C-06	215	218.3	-1.0	C-11	143	142.9	0.1	Satisfactory
	C-07	141	142.6	-0.6	C-12	192	192.2	-0.1	
	C-08	109	110.6	-0.7	C-13	172	171.3	0.3	
	C-09	269	271.6	-0.6	C-14	191	191.7	-0.3	
	C-10	109	110.7	-0.8	C-15	138	138.7	-0.4	
Iron Binding Unset	C-06	9	11.2	-1.0	C-11	38	40.0	-0.7	No appropriate target
	C-07	36	39.1	-1.1	C-12	21	21.2	-0.1	
	C-08	46	50.0	-1.1	C-13	29	31.0	-0.8	
	C-09	0	1.7	-0.3	C-14	20	21.6	-0.4	
	C-10	47	48.4	-0.5	C-15	40	39.6	0.2	
TSH	C-06	7.40	7.497	-0.4	C-11	1.16	1.185	-0.5	Satisfactory
	C-07	1.20	1.193	0.2	C-12	5.18	5.341	-0.8	
	C-08	3.20	3.199	0.0	C-13	1.25	1.285	-0.7	
	C-09	9.35	9.523	-0.6	C-14	5.17	5.349	-0.9	
	C-10	3.20	3.201	0.0	C-15	3.13	3.237	-0.9	
FT3	C-06	17.8	17.21	1.0	C-11	11.2	10.13	2.0	Satisfactory
	C-07	10.6	10.11	1.8	C-12	16.6	14.85	2.3	
	C-08	7.7	7.63	0.3	C-13	14.0	12.79	1.7	
	C-09	22.2	21.16	1.4	C-14	16.9	14.99	2.6	
	C-10	8.1	7.69	1.7	C-15	11.2	10.16	1.8	
FT4	C-06	4.5	4.31	0.9	C-11	2.9	2.57	2.7	Satisfactory
	C-07	2.7	2.61	0.9	C-12	4.2	3.70	2.6	
	C-08	2.2	2.24	-0.5	C-13	3.3	3.01	2.1	
	C-09	5.7	5.51	0.5	C-14	4.2	3.70	2.5	
	C-10	2.3	2.26	0.5	C-15	3.0	2.68	2.6	
hCG	C-06	551.0	559.62	-0.3	C-11	295.4	294.89	0.0	Satisfactory
	C-07	286.5	287.55	-0.1	C-12	470.5	475.55	-0.2	
	C-08	189.0	190.99	-0.2	C-13	392.7	392.41	0.0	
	C-09	739.1	746.91	-0.2	C-14	475.4	477.70	-0.1	
	C-10	187.5	191.14	-0.3	C-15	290.0	291.30	-0.1	
Cortisol	C-06	25.5	25.51	0.0	C-11	12.2	12.76	-0.9	Satisfactory
	C-07	12.9	12.76	0.3	C-12	20.4	21.08	-0.9	
	C-08	12.1	11.96	0.3	C-13	14.5	15.23	-1.0	
	C-09	31.5	31.19	0.2	C-14	20.6	21.07	-0.6	
	C-10	11.9	11.92	0.0	C-15	14.0	14.34	-0.6	
Transferrin	C-06	146.7	163.90	-1.7	C-11	124.6	130.89	-0.8	Satisfactory
	C-07	111.7	129.78	-2.2	C-12	147.9	152.49	-0.5	
	C-08	97.5	115.33	-2.5	C-13	139.1	144.03	-0.6	
	C-09	172.6	189.41	-1.5	C-14	147.9	152.81	-0.5	
	C-10	98.7	115.39	-2.4	C-15	124.1	129.10	-0.7	
Carbamazepine	C-06	9.9			C-11	14.4			Incorrect response due to failure to provide a valid response code.
	C-07	15.1			C-12	11.4			
	C-08	6.6			C-13	17.1			
	C-09	11.6			C-14	11.6			
	C-10	6.5			C-15	9.7			
Digoxin	C-06	2.4			C-11	1.5			Incorrect response due to failure to provide a valid response code.
	C-07	1.5			C-12	2.1			
	C-08	1.4			C-13	1.7			
	C-09	2.8			C-14	2.0			
	C-10	1.4			C-15	1.5			
	C-06	57.3			C-11	33.7			

	Phenobarbital	C-07	31.6			C-12	50.4			Incorrect response due to failure to provide a valid response code.
		C-08	28.4			C-13	39.5			
		C-09	70.4			C-14	50.5			
		C-10	28.5			C-15	34.2			
	Phenytoin	C-06	13.5			C-11	26.4			Incorrect response due to failure to provide a valid response code.
		C-07	25.9			C-12	18.0			
		C-08	8.8			C-13	33.3			
		C-09	15.8			C-14	17.9			
		C-10	8.9			C-15	14.3			
	Valproic acid	C-06	89.3			C-11	37.4			Incorrect response due to failure to provide a valid response code.
		C-07	36.6			C-12	74.4			
		C-08	70.8			C-13	29.5			
		C-09	98.0			C-14	75.9			
		C-10	70.5			C-15	65.9			
	Vancomycin	C-06	35.5	33.47	1.6	C-11	17.5	18.01	-0.6	Acceptable
		C-07	19.2	18.20	1.4	C-12	28.9	27.61	1.2	
		C-08	16.7	15.63	1.6	C-13	22.4	21.70	0.8	
		C-09	43.3	41.92	0.9	C-14	28.3	27.60	0.7	
		C-10	16.3	15.56	1.1	C-15	19.1	19.10	0.0	
Hematology	WBC	FH-6	6.4	6.53	-0.7	FH-11	2.6	2.81	-2.0	Satisfactory
		FH-7	2.8	2.84	-0.4	FH-12	16.5	17.19	-1.6	Satisfactory
		FH-8	2.8	2.76	0.4	FH-13	7.3	7.61	-1.5	Satisfactory
		FH-9	16.6	17.04	-1.1	FH-14	2.8	2.87	-0.7	Satisfactory
		FH-10	7.8	7.73	0.3	FH-15	6.2	6.50	-1.7	Satisfactory
	RBC	FH-6	4.46	4.424	0.8	FH-11	5.20	5.115	1.3	Satisfactory
		FH-7	2.34	2.306	1.2	FH-12	5.25	5.131	1.8	Satisfactory
		FH-8	5.19	5.155	0.6	FH-13	2.50	2.470	1.0	Satisfactory
		FH-9	5.2	5.184	0.3	FH-14	2.28	2.247	1.1	Satisfactory
		FH-10	2.51	2.501	0.3	FH-15	4.42	4.335	1.6	Satisfactory
	Hgb	FH-6	13.3	13.05	1.7	FH-11	15.5	15.11	2.2	Satisfactory
		FH-7	5.9	5.72	2.4	FH-12	16.4	15.98	2.2	Satisfactory
		FH-8	16.0	15.72	1.7	FH-13	6.2	6.10	1.2	Satisfactory
		FH-9	16.3	16.03	1.5	FH-14	5.6	5.44	2.1	Satisfactory
		FH-10	6.8	6.54	2.9	FH-15	12.3	12.02	2.0	Satisfactory
	Het	FH-6	39.12	37.80	2.3	FH-11	45.1	43.34	2.5	Satisfactory
		FH-7	18.02	17.31	1.5	FH-12	47.6	45.47	2.7	Satisfactory
		FH-8	46.72	45.17	2.4	FH-13	18.8	18.07	2.8	Satisfactory
		FH-9	47.22	45.78	2.2	FH-14	17.1	16.36	1.5	Satisfactory
		FH-10	19.82	169.18	1.6	FH-15	36.6	35.06	2.8	Satisfactory
	MCV	FH-6	87.7	85.24	3.2*	FH-11	86.8	84.57	2.5	Satisfactory
		FH-7	76.9	75.12	2.3	FH-12	90.6	88.51	2.3	Satisfactory
		FH-8	90.0	87.49	3.1	FH-13	75.3	72.88	3.2*	Satisfactory
		FH-9	90.7	88.22	3.0	FH-14	74.7	72.82	2.4	Satisfactory
		FH-10	79.0	76.83	2.9	FH-15	82.7	80.77	2.3	Satisfactory
	RDW	FH-6	44.2	42.65	3.2*	FH-11	42.3	41.23	2.0	Satisfactory
		FH-7	43.3	42.03	2.7	FH-12	44.5	44.06	0.7	Satisfactory
		FH-8	44.4	43.35	1.6	FH-13	44.1	42.94	2.3	Satisfactory
		FH-9	44.7	43.93	1.3	FH-14	45.7	44.11	2.9	Satisfactory
		FH-10	48.0	46.40	3.1	FH-15	44.4	43.29	2.2	Satisfactory
	Platelet	FH-6	210	207.5	0.4	FH-11	111	115.8	-1.1	Satisfactory
		FH-7	53	55.0	-0.8	FH-12	456	468.0	-1.1	Satisfactory
		FH-8	110	109.3	0.2	FH-13	305	321.5	-1.9	Satisfactory
		FH-9	454	471.4	-1.5	FH-14	51	55.8	-1.7	Satisfactory
		FH-10	329	332.1	-0.4	FH-15	202	208.7	-1.2	Satisfactory
	Neut/Gran	FH-6	47.3	47.63	-0.3	FH-11	45.8	46.12	-0.2	Satisfactory
		FH-7	43.4	44.10	-0.6	FH-12	53.2	53.22	0.0	Satisfactory
		FH-8	46.3	46.30	0.0	FH-13	45.7	46.13	-0.4	Satisfactory
		FH-9	51.7	52.34	-0.6	FH-14	43.7	45.15	-1.1	Satisfactory
		FH-10	48.2	47.66	0.5	FH-15	48.9	49.31	-0.4	Satisfactory
	Lymphocytes	FH-6	31.4	30.66	0.8	FH-11	34.8	33.76	0.8	Satisfactory
		FH-7	36.7	35.62	0.8	FH-12	26.4	25.98	0.6	Satisfactory
		FH-8	33.8	33.29	0.4	FH-13	33.2	32.70	0.5	Satisfactory
		FH-9	24.7	24.74	0.0	FH-14	35.3	34.06	1.0	Satisfactory
		FH-10	29.8	29.80	0.0	FH-15	31.2	30.50	0.9	Satisfactory
	Monocytes	FH-6	10.80	11.455	-0.9	FH-11	9.40	10.149	-0.8	Satisfactory
		FH-7	9.98	10.790	-0.8	FH-12	9.50	9.321	0.2	Satisfactory
		FH-8	10.30	40.413	-0.1	FH-13	11.36	11.208	0.2	Satisfactory
		FH-9	11.94	11.655	0.4	FH-14	10.58	10.922	-0.3	Satisfactory
		FH-10	12.20	12.183	0.0	FH-15	9.64	9.628	0.0	Satisfactory
	Eosinophils	FH-6	10.4	10.27	0.2	FH-11	10.0	10.01	0.0	Satisfactory
		FH-7	10.0	9.49	0.7	FH-12	10.8	11.51	-0.9	Satisfactory
		FH-8	9.6	10.00	-0.5	FH-13	9.8	9.96	-0.2	Satisfactory
		FH-9	11.7	11.28	0.5	FH-14	10.4	9.88	0.7	Satisfactory
		FH-10	9.8	10.35	-0.7	FH-15	10.3	10.59	-0.3	Satisfactory
	Basophils	FH-6	67.0	67.76	-0.8	FH-11	66.4	67.09	-0.6	Satisfactory
		FH-7	63.4	62.75	0.5	FH-12	73.3	72.89	0.4	Satisfactory
		FH-8	67.1	66.95	0.1	FH-13	67.4	67.61	-0.2	Satisfactory
		FH-9	73.6	73.75	-0.2	FH-14	64.1	64.91	-0.6	Satisfactory
		FH-10	70.1	70.17	-0.1	FH-15	68.2	68.07	0.1	Satisfactory
	Immature Gran	FH-6	10.7	11.13	-0.8	FH-11	10.6	10.68	-0.1	Scientific committee decision
		FH-7	10.2	10.32	-0.2	FH-12	12.4	12.42	0.0	
		FH-8	10.8	10.83	0.0	FH-13	10.5	10.77	-0.5	
		FH-9	11.8	12.21	-0.7	FH-14	10.2	10.53	-0.6	
		FH-10	11.3	11.17	0.3	FH-15	11.5	11.44	0.1	
	nRBC Absolute	FH-6	0.41	0.413	-0.1	FH-11	0.00	0.001	-0.1	Scientific committee decision
		FH-7	0.15	0.147	0.2	FH-12	1.02	1.070	-0.5	
		FH-8	0.00	0.000	0.0	FH-13	0.00	0.000	0.0	
		FH-9	1.08	1.090	-0.2	FH-14	0.14	0.144	-0.1	
		FH-10	0.00	0.000	0.0	FH-15	0.40	0.432	-0.8	

	nRBC %	FH-6	6.8	6.76	0.1	FH-11	0.0	0.00	0.0	Scientific committee decision
		FH-7	5.6	5.48	0.2	FH-12	6.6	6.68	−0.3	
		FH-8	0.0	0.02	−0.1	FH-13	0.0	0.00	0.0	
		FH-9	7.0	6.80	0.5	FH-14	5.2	5.21	0.0	
		FH-10	0.0	0.13	−0.1	FH-15	6.9	7.14	−0.5	
	Blood cell ID	BCP-11	Blast cell			BCP-21	Target cell			Good
		BCP-12	Platelet , Glant			BCP-22	Neutrophil,seg/band			Good
		BCP-13	Platelet, Normal			BCP-23	Eosinophol, any stage			Good
		BCP-14	Lymphocyte			BCP-24	Microcyte/CNTR pallo			Good
		BCP-15	Basophil,any stage			BCP-25	Lymphocyte			Good
		BCP-16	Monocyte,Immature pro			BCP-26	Ovalocyte			Educational challenge
		BCP-17	Stomatocyte			BCP-27	Lymphocyte,reactive			Educational challenge
		BCP-18	Platelet, Normal			BCP-28	Fragmented red cell			Educational challenge
		BCP-19	NRBC, Norm/Abn Morph			BCP-29	Polychromatophilic RB			Educational challenge
		BCP-20	Eosinophil,any stage			BCP-30	NRBC,NORM/Abn Mor			Educational challenge
Clinical Microscopy	Osmolality-Urine	CM-14	237	237.5	−0.3					Acceptable
		CM-15	367	365.2	0.7					Acceptable
		CM-16	727	726.1	0.2					Acceptable
	hCG,urine	CM-14	Positive							Good
		CM-15	Positive							Good
		CM-16	Negative							Good
	Spec,Gravity,urine	CM-14	1.015							No appropriate target/response cannot be graded
		CM-15	1.020							
		CM-16	7.013							
	pH,urine	CM-14	8.5							Good
		CM-15	7.5							Good
		CM-16	8.0							Good
	Protein,urine,qual	CM-14	3+							Good
		CM-15	4+							Good
		CM-16	Negative							Good
	Glucose,urine	CM-14	4+							Good
		CM-15	2+							Good
		CM-16	Negative							Good
	Ketone,urine	CM-14	Negative							Good
		CM-15	1+							Good
		CM-16	Negative							Good
	Bilirubin,urine	CM-14	Negative							Good
		CM-15	3+							Good
		CM-16	Negative							Good
	Blood/Hgb,urine	CM-14	2+							Good
		CM-15	3+							Good
		CM-16	Negative							Good
	Leuko Esterase,urine	CM-14	Negative							Good
		CM-15	3+							Good
		CM-16	Negative							Good
	Nitrite,urine	CM-14	Positive							Good
		CM-15	Positive							Good
		CM-16	Negative							Good
	Urobilinogen,urine	CM-14	0.0-0.2							Good
		CM-15	4.0/6.0							Good
		CM-16	0.0-0.2							Good
	Urine Sediment ID	CM-17	Red blood cell cast							Good
		CM-18	Leukocyte Neut,Eos,LYM							Good
		CM-19	Bacteria							Good
		CM-20	Fiber facal contamin							Good
		CM-21	Hematoidin Crystals							Good
		CM-22	Macroph/Hemosiderin							Educational challenge
		CM-23	Macroph/Erythrocyte							Educational challenge
		CM-24	Erythrocyte Mature							Good
		CM-25	Neut/Macro/Phag bact							Good
		CM-26	Eosionophil							Good
Coagulation	PT,quant	CG-7	60.2			CGL-11	54.1			No appropriate target/response cannot be graded
		CG-8	12.2			CGL-12	12.0			
		CG-9	60.1			CGL-13	53.3			
		CG-10	30.8			CGL-14	30.5			
		CG-11	12.2			CGL-15	30.0			
	PT,qual	CG-7	Prolonged			CGL-11	Prolonged			Educational challenge
		CG-8	Not Prolonged			CGL-12	Not Prolonged			
		CG-9	Prolonged			CGL-13	Prolonged			
		CG-10	Prolonged			CGL-14	Prolonged			
		CG-11	Not Prolonged			CGL-15	Prolonged			
	INR,quant	CG-7	5.8			CGL-11	4.8			No appropriate target/response cannot be graded
		CG-8	1.0			CGL-12	1.0			
		CG-9	5.7			CGL-13	4.7			
		CG-10	2.8			CGL-14	2.7			
		CG-11	1.0			CGL-15	2.6			
	APTT	CG-7	74			CGL-11	62			No appropriate target/response cannot be graded
		CG-8	29			CGL-12	85			
		CG-9	75			CGL-13	62			
		CG-10	55			CGL-14	30			
		CG-11	29			CGL-15	64			
	APTT,qual	CG-7	Prolonged			CGL-11	Prolonged			Educational challenge
		CG-8	Not Prolonged			CGL-12	Not Prolonged			
		CG-9	Prolonged			CGL-13	Prolonged			
		CG-10	Prolonged			CGL-14	Prolonged			
		CG-11	Not Prolonged			CGL-15	Prolonged			
	Fibrinogen	CG-7	256.8			CGL-11	242.4			Satisfactory
		CG-8	275.9			CGL-12	273.0			
		CG-9	251.7			CGL-13	249.9			

		CG-10	254.2			CGL-14	243.6		
		CG-11	278.9			CGL-15	243.6		

エラーの原因

MCV, RDW:

原因は不明であるが、実測項目はいずれも許容範囲内にあり、問題となった項目での計算過程で偏りが増幅された可能性がある。
また、海外で使用されているEDTA-Naとわが国で使用しているEDTA-Kの違いも考慮される。

TDM

Carbamazepine～Valproic acid

回答入力の必須事項である単位を入力して報告することを失念した。