

## College of American Pathologists Survey (CAP) 2010

	test	2010'2				2010'3				Performance Interpretation	
		Specimen	Result	Mean	SDI	Specimen	Result	Mean	SDI		
Chemistry	AST	C-06	42	42.4	-0.1	C-11	107	107.8	-0.1	Satisfactory	
		C-07	85	90.1	-0.9	C-12	193	184.2	0.9		
		C-08	180	182.4	-0.2	C-13	24	21.9	1.0		
		C-09	231	235.4	-0.3	C-14	111	105.2	0.7		
		C-10	178	178.7	-0.1	C-15	38	39.9	-0.6		
	ALT	C-06	45	45.6	-0.6	C-11	110	108.7	0.6	Satisfactory	
		C-07	89	89.5	-0.3	C-12	178	177.2	0.2		
		C-08	159	160.2	-0.4	C-13	27	26.6	0.4		
		C-09	203	205.0	-0.5	C-14	110	108.5	0.7		
	ALP	C-10	159	160.2	-0.4	C-15	46	45.9	0.1	Satisfactory	
		C-06	190	193.5	-0.6	C-11	555	565.2	-0.6		
		C-07	471	481.7	-0.7	C-12	1010	1046.1	-1.0		
		C-08	931	949.5	-0.4	C-13	132	137.2	-1.1		
	LD	C-09	1194	1219.3	-0.4	C-14	541	566.3	-1.3	Satisfactory	
		C-10	926	958.6	-0.7	C-15	205	209.9	-0.7		
		C-06	148	146.4	0.5	C-11	255	251.4	1.1		
		C-07	223	221.2	0.5	C-12	372	370.0	0.3		
	-GT	C-08	342	340.4	0.3	C-13	118	115.0	1.1	Satisfactory	
		C-09	414	413.6	0.1	C-14	253	251.5	0.4		
		C-10	340	340.8	-0.2	C-15	148	145.9	0.8		
		C-06	41	39.9	1.3	C-11	94	94.3	-0.2		
	AMY	C-07	77	76.1	0.6	C-12	147	149.5	-0.7	Satisfactory	
		C-06	81	77.8	0.7	C-11	169	161.8	0.7		
		C-07	151	144.6	0.8	C-12	289	277.7	0.7		
		C-08	273	260.2	0.8	C-13	63	61.0	0.5		
		C-09	342	326.4	0.8	C-14	169	161.9	0.7		
	CK	C-10	273	260.4	0.8	C-15	81	78.5	0.5	Satisfactory	
		C-06	198	196.1	0.5	C-11	345	345.6	-0.1		
		C-07	225	222.4	0.5	C-12	269	267.3	0.2		
		C-08	145	142.8	0.5	C-13	54	53.0	0.4		
		C-09	171	170.1	0.3	C-14	347	345.3	0.2		
	Cholesterol , Total	C-10	144	143.1	0.3	C-15	183	182.7	0.1	Satisfactory	
		C-06	139.3	141.70	-1.5	C-11	196.7	196.51	0.1		
		C-07	160.7	162.75	-1.1	C-12	206.3	206.23	0.0		
		C-08	170.7	173.15	-1.2	C-13	110.2	109.74	0.3		
		C-09	192.5	194.20	-1.1	C-14	197.0	196.27	0.3		
	HDL-C	C-10	171.0	173.45	-1.3	C-15	141.9	142.52	-0.4	Satisfactory	
		C-06	59.8	56.34	1.4	C-11	84.2	80.00	1.1		
		C-07	69.6	65.58	1.3	C-12	89.4	84.86	1.1		
		C-08	74.9	71.09	1.2	C-13	45.3	43.29	1.0		
		C-09	85.7	80.88	1.3	C-14	84.3	80.13	1.1		
	LDL-C	C-10	75.0	71.13	1.2	C-15	59.9	56.94	1.1	Satisfactory	
		C-06	36.4	41.66	-1.0	C-11	50.3	54.42	-0.8		
		C-07	41.7	46.79	-0.9	C-12	49.9	53.80	-0.7		
		C-08	41.4	46.32	-0.8	C-13	26.6	28.66	-0.6		
		C-09	45.0	50.70	-0.8	C-14	50.7	54.60	-0.8		
	TG	C-10	40.6	46.45	-0.9	C-15	36.4	39.12	-0.6	Satisfactory	
		C-06	125.5	126.93	-0.5	C-11	163.1	167.43	-1.1		
		C-07	136.0	137.40	-0.5	C-12	152.3	157.09	-1.5		
		C-08	125.7	127.71	-0.7	C-13	95.5	98.70	-1.3		
		C-09	135.4	136.63	-0.4	C-14	163.1	167.90	-1.1		
	Apo-A1	C-10	125.5	127.93	-0.7	C-15	124.3	128.30	-1.2	Satisfactory	
		C-06	49.0	63.29	-1.3	C-11	65.2	85.13	-1.2		
	Apo-B	C-07	52.8	69.93	-1.3	C-12	64.9	85.29	-1.1	Satisfactory	
		C-06	34.4	33.83	0.1	C-11	44.9	44.34	0.1	Satisfactory	
	Protein ,total	C-07	38.0	37.81	0.0	C-12	44.8	44.74	0.0	Satisfactory	
		C-06	3.3	3.54	-2.7	C-11	4.4	4.67	-4.8	Satisfactory	
		C-07	3.7	3.91	-2.3	C-12	4.6	4.70	-1.4		
		C-08	3.8	3.96	-2.0	C-13	2.8	2.85	-0.9		
		C-09	4.2	4.34	-1.6	C-14	4.4	4.66	-5.2		
	C-10	3.8	3.96	-1.8	C-15	3.2	3.57	-6.9			
	Alb	C-06	2.3	2.26	0.6	C-11	3.0	2.98	0.2	Satisfactory	
		C-07	2.5	2.49	0.2	C-12	3.0	2.98	0.4		
		C-08	2.5	2.49	0.2	C-13	1.9	1.84	1.1		
		C-09	2.7	2.72	-0.3	C-14	3.0	2.99	0.1		
		C-10	2.5	2.49	0.1	C-15	2.3	2.31	-0.2		
	Glu	C-06	85.5	84.81	0.8	C-11	122.5	122.76	-0.4	Satisfactory	
		C-07	134.9	133.36	1.4	C-12	229.2	229.94	-0.3		
		C-08	242.6	240.23	1.1	C-13	93.5	94.44	-0.9		
		C-09	291.0	288.55	1.0	C-14	122.5	122.94	-0.4		
	BUN	C-10	242.4	240.09	1.1	C-15	82.8	84.44	-1.5	Satisfactory	
		C-06	13.4	12.92	2.2	C-11	24.0	23.24	2.0		
		C-07	21.4	21.33	0.2	C-12	38.0	37.95	0.1		
		C-08	36.2	35.97	0.4	C-13	11.2	10.94	0.8		
		C-09	43.9	44.33	-0.6	C-14	23.6	23.20	1.1		
	CRE	C-10	35.9	36.13	-0.4	C-15	13.4	12.96	1.3	Satisfactory	
		C-06	5.91	5.787	1.3	C-11	3.02	2.988	0.6		
		C-07	4.69	4.594	1.2	C-12	2.22	2.208	0.3		
		C-08	3.87	3.792	1.1	C-13	7.33	7.368	-0.3		
		C-09	2.65	2.599	1.0	C-14	3.01	2.993	0.3		
			C-10	3.86	3.795	1.2	C-15	5.74	5.762	-0.2	

UA	C-06	5.5	5.46	0.4	C-11	5.7	5.71	-0.1	Satisfactory
	C-07	6.9	6.93	-0.3	C-12	9.8	9.82	-0.2	
	C-08	11.1	11.04	0.5	C-13	6.7	6.75	-0.5	
	C-09	12.5	12.48	0.2	C-14	5.7	5.72	-0.2	
	C-10	11.1	11.04	0.5	C-15	5.5	5.52	-0.2	
Bil,Direct	C-06	2.2	2.23	-0.2	C-11	1.4	1.54	-0.8	No appropriate target
	C-07	1.5	1.62	-1.4	C-12	0.6	0.62	-0.2	
	C-08	0.8	0.81	-0.1	C-13	2.9	2.69	0.9	
	C-09	0.3	0.29	0.1	C-14	1.4	1.53	-0.6	
	C-10	0.8	0.80	0.0	C-15	2.4	2.36	0.2	
Bil>Total	C-06	4.3	4.32	-0.3	C-11	2.9	2.92	-0.2	Satisfactory
	C-07	3.1	3.16	-0.6	C-12	1.3	1.34	-0.5	
	C-08	1.7	1.72	-0.4	C-13	5.6	5.53	0.8	
	C-09	0.7	0.71	-0.2	C-14	2.9	2.91	-0.1	
	C-10	1.7	1.68	0.2	C-15	4.8	4.82	-0.2	
Prealbumin	C-06	12.1	12.54	-0.3	C-11	16.1	16.39	-0.3	Satisfactory
	C-07	13.3	13.77	-0.4	C-12	16.0	16.37	-0.3	
Lactate	C-06	2.8	2.84	-0.6	C-11	4.9	4.91	0.0	Satisfactory
	C-07	3.4	3.44	-0.5	C-12	4.8	4.78	0.0	
Ca	C-06	8.3	8.33	0.2	C-11	8.7	8.48	1.0	Satisfactory
	C-07	9.4	9.33	0.2	C-12	11.4	11.28	0.4	
	C-08	12.1	12.11	-0.1	C-13	9.2	9.23	-0.4	
	C-09	13.0	13.05	-0.3	C-14	8.7	8.49	0.9	
	C-10	12.0	12.12	-0.3	C-15	8.4	8.38	0.1	
IP	C-06	5.3	5.27	0.6	C-11	3.7	3.70	0.7	Satisfactory
	C-07	4.3	4.24	0.4	C-12	2.2	2.14	0.7	
Na	C-06	144	144.0	0.0	C-11	150	150.4	-0.7	Satisfactory
	C-07	141	140.8	0.3	C-12	138	138.3	-0.4	
	C-08	128	127.9	0.1	C-13	141	140.6	0.6	
	C-09	124	124.5	-0.7	C-14	150	150.3	-0.4	
	C-10	128	127.7	0.4	C-15	147	146.8	0.3	
K	C-06	6.0	6.00	0.1	C-11	4.4	4.44	-0.7	Satisfactory
	C-07	4.9	4.91	-0.2	C-12	2.8	2.79	0.1	
	C-08	3.2	3.23	-0.6	C-13	6.5	6.50	0.0	
	C-09	2.2	2.20	0.0	C-14	4.4	4.42	-0.5	
	C-10	3.2	3.23	-0.7	C-15	6.0	6.02	-0.4	
Cl	C-06	109	109.4	-0.3	C-11	105	105.5	-0.3	Satisfactory
	C-07	104	104.3	-0.2	C-12	94	94.1	-0.1	
	C-08	93	92.4	0.5	C-13	108	108.5	-0.5	
	C-09	88	87.3	0.6	C-14	105	105.5	-0.3	
	C-10	93	92.6	0.4	C-15	108	109.6	-1.5	
Mg	C-06	4.5	4.83	-2.3	C-11	3.05	3.161	-0.9	Satisfactory
	C-07	3.5	3.76	-2.4	C-12	1.57	1.648	-1.4	
	C-08	2.2	2.30	-1.9	C-13	5.47	5.569	-0.5	
	C-09	1.2	1.20	-0.9	C-14	3.04	3.120	-1.1	
	C-10	2.2	2.29	-1.6	C-15	4.79	4.906	-0.7	
Fe	C-06	103	102.2	0.5	C-11	179	179.0	0.0	Satisfactory
	C-07	128	127.8	0.1	C-12	182	181.0	0.3	
	C-08	129	129.3	-0.2	C-13	54	53.5	0.4	
	C-09	154	155.3	-0.5	C-14	177	178.5	-0.5	
	C-10	129	129.5	-0.2	C-15	103	103.2	-0.1	
Iron Binding Unset	C-06	77	78.1	-0.3	C-11	54	55.3	-0.4	No appropriate target
	C-07	73	73.7	-0.2	C-12	63	64.8	-0.5	
	C-08	86	83.6	0.8	C-13	96	95.2	0.2	
	C-09	82	80.3	0.6	C-14	53	55.6	-0.8	
	C-10	83	83.5	-0.2	C-15	77	77.5	-0.1	
TSH	C-06	3.48	3.445	0.4	C-11	5.84	6.082	-1.6	Satisfactory
	C-07	3.52	3.476	0.5	C-12	3.53	3.702	-1.7	
	C-08	1.14	1.144	-0.1	C-13	0.85	0.885	-1.7	
	C-09	1.23	1.223	0.2	C-14	5.84	6.112	-1.6	
	C-10	1.15	1.145	0.1	C-15	3.47	3.570	-1.0	
T4	C-06	5.5	5.36	0.6	C-11	9.2	9.00	0.4	Satisfactory
	C-07	6.3	6.23	0.3	C-12	8.5	8.36	0.3	
	C-08	5.9	5.74	0.5	C-13	3.3	3.22	0.3	
	C-09	6.6	6.55	0.1	C-14	9.0	8.95	0.1	
	C-10	5.8	5.75	0.2	C-15	5.7	5.74	-0.1	
FT4	C-06	2.1	2.18	-0.9	C-11	3.8	3.47	1.9	Satisfactory
	C-07	2.5	2.54	-0.4	C-12	3.5	3.24	1.8	
	C-08	2.3	2.36	-0.6	C-13	1.2	1.19	0.2	
	C-09	2.6	2.70	-0.9	C-14	3.8	3.45	2.2	
	C-10	2.3	2.36	-0.7	C-15	2.3	2.18	1.4	
hCG	C-06	199.8	198.18	0.1	C-11	419.1	480.55	-2.2	Satisfactory
	C-07	287.8	284.62	0.2	C-12	404.8	465.98	-2.3	
	C-08	274.6	270.73	0.2	C-13	11.3	13.32	-2.0	
	C-09	363.3	353.79	0.5	C-14	418.5	483.49	-2.5	
	C-10	278.4	270.27	0.6	C-15	177.7	206.19	-2.4	
Cortisol	C-06	10.5	10.68	-0.4	C-11	20.0	19.39	0.6	Satisfactory
	C-07	12.3	12.76	-0.8	C-12	17.4	17.02	0.4	
	C-08	10.2	10.44	-0.4	C-13	4.0	3.95	0.2	
	C-09	12.2	12.52	-0.5	C-14	20.0	19.45	0.5	
	C-10	10.1	10.34	-0.5	C-15	10.9	10.75	0.3	
Transferrin	C-06	119.5	122.29	-0.4	C-11	156.8	160.50	-0.4	Satisfactory
	C-07	133.0	134.86	-0.3	C-12	156.2	160.94	-0.5	
	C-08	131.3	135.61	-0.6	C-13	93.3	98.18	-0.8	

Hematology		C-09	143.2	148.17	-0.6	C-14	156.3	160.94	-0.5	
		C-10	132.4	135.89	-0.5	C-15	118.8	122.99	-0.6	
	WBC	FH-6	18.5	17.89	1.4	FH-11	7.8	7.90	-0.5	Satisfactory
		FH-7	3.0	2.92	0.8	FH-12	3.0	2.97	0.3	Satisfactory
		FH-8	7.9	7.84	0.3	FH-13	6.8	6.87	-0.4	Satisfactory
		FH-9	3.0	2.94	0.7	FH-14	17.7	17.52	0.5	Satisfactory
		FH-10	7.2	6.95	1.3	FH-15	3.1	3.01	1.0	Satisfactory
	RBC	FH-6	5.35	5.189	2.5	FH-11	2.56	2.520	1.3	Satisfactory
		FH-7	5.32	5.187	2.1	FH-12	2.33	2.299	1.1	Satisfactory
		FH-8	2.48	2.476	0.1	FH-13	4.43	4.340	1.9	Satisfactory
		FH-9	2.33	2.322	0.3	FH-14	5.37	5.223	2.4	Satisfactory
		FH-10	4.43	4.371	1.3	FH-15	5.41	5.266	2.3	Satisfactory
	Hgb	FH-6	16.3	Incorrect response due to failure to provide a valid response code.		FH-11	6.6	6.53	0.8	Satisfactory
		FH-7	15.9		FH-12	6.0	5.91	1.1	Satisfactory	
		FH-8	6.6		FH-13	12.4	12.15	1.9	Satisfactory	
		FH-9	6.0		FH-14	16.5	16.08	2.2	Satisfactory	
		FH-10	12.3		FH-15	16.2	15.85	1.9	Satisfactory	
	Het	FH-6	47.40	Incorrect response due to failure to provide a valid response code.		FH-11	19.5	19.08	1.4	Satisfactory
		FH-7	46.87		FH-12	18.0	17.83	0.5	Satisfactory	
		FH-8	20.03		FH-13	36.4	35.55	1.5	Satisfactory	
		FH-9	18.37		FH-14	47.0	45.60	2.2	Satisfactory	
		FH-10	36.83		FH-15	46.6	45.18	2.0	Satisfactory	
	MCV	FH-6	88.7	87.54	1.2	FH-11	76.4	75.73	0.8	Satisfactory
		FH-7	88.0	86.59	1.5	FH-12	77.6	77.02	0.7	Satisfactory
		FH-8	80.6	79.85	1.1	FH-13	82.3	81.82	0.5	Satisfactory
		FH-9	78.8	77.71	1.3	FH-14	87.4	87.04	0.4	Satisfactory
		FH-10	83.2	82.00	1.3	FH-15	86.1	85.07	0.5	Satisfactory
	RDW	FH-6	45.5	44.76	0.9	FH-11	42.0	41.68	0.5	Satisfactory
FH-7		43.4	42.31	1.7	FH-12	44.0	43.59	0.7	Satisfactory	
FH-8		46.1	45.90	0.3	FH-13	45.0	45.15	-0.2	Satisfactory	
FH-9		45.7	45.06	1.0	FH-14	45.3	45.24	0.1	Satisfactory	
FH-10		46.5	46.02	0.7	FH-15	42.4	42.64	-0.4	Satisfactory	
Platelet	FH-6	515	497.7	1.2	FH-11	326	336.0	-1.2	Satisfactory	
	FH-7	116	115.9	0.0	FH-12	55	58.2	-1.2	Satisfactory	
	FH-8	340	335.6	0.5	FH-13	212	210.7	0.2	Satisfactory	
	FH-9	62	57.4	1.6	FH-14	479	480.5	-0.1	Satisfactory	
	FH-10	221	517.2	0.6	FH-15	116	117.8	-0.4	Satisfactory	
Neut/Gran	FH-6	52.8	53.02	-0.2	FH-11	48.0	48.84	-0.8	Satisfactory	
	FH-7	43.1	44.46	-1.1	FH-12	45.8	46.24	-0.4	Satisfactory	
	FH-8	48.9	48.94	0.0	FH-13	49.0	48.90	0.1	Satisfactory	
	FH-9	44.3	44.47	-0.7	FH-14	52.1	52.56	-0.4	Satisfactory	
	FH-10	48.2	48.87	-0.6	FH-15	45.9	46.05	-0.1	Satisfactory	
Lymphocytes	FH-6	26.1	25.66	0.4	FH-11	31.8	29.96	1.7	Satisfactory	
	FH-7	37.6	26.36	0.9	FH-12	33.6	32.67	0.7	Satisfactory	
	FH-8	30.1	28.95	1.1	FH-13	31.1	30.24	0.9	Satisfactory	
	FH-9	35.6	35.44	0.1	FH-14	26.1	25.61	0.5	Satisfactory	
	FH-10	31.7	30.09	1.6	FH-15	34.0	33.68	0.3	Satisfactory	
Monocytes	FH-6	9.43	9.900	-0.5	FH-11	10.20	10.611	-0.5	Satisfactory	
	FH-7	9.73	9.558	0.2	FH-12	10.80	10.981	-0.2	Satisfactory	
	FH-8	10.73	11.952	-1.0	FH-13	9.80	10.217	-0.6	Satisfactory	
	FH-9	10.70	10.432	0.2	FH-14	10.40	10.503	-0.1	Satisfactory	
	FH-10	9.70	10.427	-0.8	FH-15	9.90	10.184	-0.3	Satisfactory	
Eosinophils	FH-6	11.6	11.41	0.2	FH-11	10.0	10.60	-0.8	Satisfactory	
	FH-7	9.5	9.59	-0.1	FH-12	9.8	10.10	-0.4	Satisfactory	
	FH-8	10.3	10.53	-0.3	FH-13	10.1	10.63	-0.7	Satisfactory	
	FH-9	9.4	9.65	-0.3	FH-14	11.4	11.32	0.1	Satisfactory	
	FH-10	10.3	10.62	-0.4	FH-15	10.2	10.07	0.2	Satisfactory	
Basophil s	FH-6	72.8	73.24	-0.6	FH-11	69.6	69.61	0.0	Satisfactory	
	FH-7	62.1	63.39	-0.9	FH-12	65.8	65.43	0.3	Satisfactory	
	FH-8	69.5	70.49	-1.2	FH-13	68.1	67.86	0.2	Satisfactory	
	FH-9	61.8	62.45	-0.4	FH-14	72.9	72.90	0.0	Satisfactory	
	FH-10	67.8	68.14	-0.3	FH-15	66.5	66.01	0.4	Satisfactory	
Immature Gran	FH-6	12.2			FH-11	11.3	11.48	-0.4	Scientific committee decision	
	FH-7	9.9			FH-12	10.8	10.90	-0.2		
	FH-8	11.5			FH-13	11.5	11.48	0.0		
	FH-9	10.4			FH-14	12.3	12.25	0.1		
	FH-10	11.1			FH-15	10.8	10.80	0.0		
nRBC Absolute	FH-6	1.11			FH-11	0.00	0.000	0.0	Scientific committee decision	
	FH-7	0.00			FH-12	0.15	0.150	0.0		
	FH-8	0.00			FH-13	0.43	0.429	0.0		
	FH-9	0.15			FH-14	1.10	1.092	0.1		
	FH-10	0.45			FH-15	0.00	0.001	-0.1		
nRBC %	FH-6	6.4			FH-11	0.0	0.00	0.0	Scientific committee decision	
	FH-7	0.0			FH-12	5.3	5.41	-0.2		
	FH-8	0.0			FH-13	6.8	6.72	0.1		
	FH-9	5.3			FH-14	6.7	6.69	0.0		
	FH-10	6.7			FH-15	0.0	0.00	0.0		
Blood cell ID	BCP-11	Target cell			BCP-21	Target cell			Good	
	BCP-12	Neutrophil,seg/band			BCP-22	Platelet,Normal			Good	
	BCP-13	NRBC,Norm/Abn Morphol			BCP-23	Monocyte			Good	
	BCP-14	Sickle cell			BCP-24	Lymphocyte			Good	
	BCP-15	Polychromatophilic RBC			BCP-25	Sickle cell			Good	
	BCP-16	Megakaryocyte,abnormal			BCP-26	Blast cell			Educational challenge	
	BCP-17	Basophil,any stage			BCP-27	Basophil,any stage			Educational challenge	
	BCP-18	Lymphocyte,reactive			BCP-28	Neutrophil,metamyoc			Educational challenge	

		BCP-19	Platelet hrpogranular			BCP-29	Neutrophil,Myelocyte			Educational challenge	
		BCP-20	Eosinophil,any stage			BCP-30	Neutrophil,Promyerocty			Educational challenge	
<b>Clinical Microscopy</b>	Osmolality-Urine	CM-14	348	347.5	0.3					Acceptable	
		CM-15	218	216.4	1.0					Acceptable	
		CM-16	774	769.4	1.3					Acceptable	
	hCG,urine	CM-14	Positive								Good
		CM-15	Positive								Good
		CM-16	Positive								Good
	Spec,Gravity,urine	CM-14	1.019								No appropriate target/response cannot be graded
		CM-15	1.011								
		CM-16	1.014								
	pH,urine	CM-14	7.0								Acceptable
		CM-15	9.0								Good
		CM-16	8.0								Good
	Protein,urine,qual	CM-14	3+								Good
		CM-15	2+								Good
		CM-16	2+								Good
	Glucose,urine	CM-14	2+								Good
		CM-15	3+								Good
		CM-16	Negative								Good
	Ketone,urine	CM-14	Negative								Good
		CM-15	Negative								Good
		CM-16	Negative								Good
	Bilirubin,urine	CM-14	3+								Good
		CM-15	Negative								Good
		CM-16	Negative								Good
	Blood/Hgb,urine	CM-14	3+								Good
		CM-15	2+								Good
CM-16		3+								Good	
Leuko Esterase,urine	CM-14	3+								Good	
	CM-15	Negative								Good	
	CM-16	Negative								Good	
Nitrite,urine	CM-14	Positive								Good	
	CM-15	Positive								Good	
	CM-16	Positive								Good	
Urobilinogen,urine	CM-14	4.0/6.0								Good	
	CM-15	0.0-0.2								Good	
	CM-16	0.0-0.2								Good	
Urine Sediment ID	CM-17	Cholesterol crystals								Unacceptable	
	CM-18	Erythrocyte,mature								Good	
	CM-19	Waxy cast								Good	
	CM-20	Fiber facal contamin								Good	
	CM-21	Erythrocyte,mature								Good	
	CM-22	Lymphocyte								Good	
	CM-23	Lymphocyte,reactive								Educational challenge	
	CM-24	Neutrophil,seg/band								Educational challenge	
	CM-25	Monocyte/Macrophage								Good	
	CM-26	Eosionophil								Good	
<b>Coagulation</b>	PT,quant	CG-7	46.9			CGL-11	36.0			No appropriate target/response cannot be graded	
		CG-8	33.6			CGL-12	59.3				
		CG-9	11.4			CGL-13	35.5				
		CG-10	34.3			CGL-14	12.0				
		CG-11	11.5			CGL-15	35.6				
	PT,qual	CG-7	Prolonged				CGL-11	Prolonged			Educational challenge
		CG-8	Prolonged				CGL-12	Prolonged			
		CG-9	Not Prolonged				CGL-13	Prolonged			
		CG-10	Prolonged				CGL-14	Not Prolonged			
		CG-11	Not Prolonged				CGL-15	Prolonged			
	INR,quant	CG-7	4.2				CGL-11	3.2			No appropriate target/response cannot be graded
		CG-8	3.0				CGL-12	5.4			
		CG-9	1.0				CGL-13	3.2			
		CG-10	3.0				CGL-14	1.0			
		CG-11	1.0				CGL-15	3.2			
	APTT	CG-7	78				CGL-11	62			No appropriate target/response cannot be graded
		CG-8	49				CGL-12	85			
		CG-9	29				CGL-13	62			
		CG-10	49				CGL-14	30			
		CG-11	29				CGL-15	64			
	APTT,qual	CG-7	Prolonged				CGL-11	Prolonged			Educational challenge
		CG-8	Prolonged				CGL-12	Prolonged			
		CG-9	Not Prolonged				CGL-13	Prolonged			
		CG-10	Prolonged				CGL-14	Not Prolonged			
		CG-11	Prolonged				CGL-15	Prolonged			
	Fibrinogen	CG-7	252	287.9	-0.6		CGL-11	239	269.9	-0.6	Satisfactory
CG-8		259	289.9	-0.5		CGL-12	254	293.4	-0.6		
CG-9		279	292.9	-0.4		CGL-13	235	269.3	-0.7		
CG-10		254	289.1	-0.6		CGL-14	260	274.9	-0.4		
CG-11		273	292.7	-0.5		CGL-15	235	268.8	-0.7		