

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

2 • 0 • 1 • 6

Please see the corresponding US participant summary for any statistics not represented in this supplement.

**International Data Supplement
2016 MLE-M3**



Total Commitment to Education and Service
Provided by ACP, Inc.

Table of Contents

Evaluation Criteria	4
Hematology	
Hematology with 5-part Automated Differential (CL Samples – Module 223)	5
White Blood Cell Count	5
Red Blood Cell Count	6
Hemoglobin	7
Hematocrit	8
Platelet Count	9
Automated Differential	10
Blood Bank	
ABO Group	15
Rh Factor (D Type)	15
Unexpected Antibody Detection	16
Antibody Identification	16
Compatibility Testing	17
Coagulation	
Prothrombin Time	18
International Normalized Ratio (INR)	21
Activated Partial Thromboplastin Time	24
Fibrinogen	26
Urinalysis	
Urinalysis Dipstick	27
Specific Gravity	27
pH	28
Protein	29
Glucose	30
Ketones	31
Bilirubin	32
Urobilinogen	33
Blood or Hemoglobin	34
Leukocyte Esterase	35
Nitrite	36
Microalbumin (Dipstick Only)	37
Urine hCG	37
Microbiology	
Antimicrobial Susceptibility Testing	38
Parasitology (PA Specimens)	40
Parasitology (FP Specimens)	42

Table of Contents (cont'd)

Immunology

Antinuclear Antibody	46
Qualitative.....	46
Quantitative.....	46
Anti-dsDNA	48
Anti-RNP	48
Anti-RNP/Sm	49
Anti-SSA	49
Anti-SSB	50
Anti-SSA/SSB	50
Anti-Sm	51
Rubella	52
Qualitative.....	52
Quantitative.....	53
Syphilis Serology	54
VDRL Slide	54
VDRL Slide (Titer).....	55
MHA-TP	57
TPA.....	58
RPR	59
RPR (Titer).....	60
Viral Markers	63
Anti-HBc (IgM)	63
Anti-HBc (Total/IgG)	64
Anti-HIV	65
Anti-HAV (IgM).....	67
Anti-HAV (Total/IgG).....	68
HBeAg	69
Anti-HBs	70
HBsAg	71
Anti-HCV.....	72
Toxoplasma gondii	73
Qualitative (IgG).....	73
Quantitative (IgG)	73
Qualitative (IgM)	74
Quantitative (IgM)	74
Cytomegalovirus (CMV)	75
Qualitative (IgG).....	75
Quantitative (IgG)	75
Qualitative (IgM)	76
Quantitative (IgM)	76

Chemistry

CK-MB	77
--------------------	----

EVALUATION CRITERIA

The evaluation criteria used in the MLE Program is in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA '88) federal requirements for proficiency testing. The criteria are included below.

Qualitative

For qualitative procedures, evaluation is based on participant or referee consensus. A minimum percentage of participants must receive a passing score or the challenge is not evaluated due to lack of consensus. These percentages are listed below.

Antimicrobial Susceptibility Testing	80% Consensus
Antinuclear Antibody	80% Consensus
Blood Bank	95% Consensus
Cytomegalovirus	80% Consensus
Microalbumin (Semi-Quantitative)	80% Consensus
Parasite Identification	80% Consensus
Rubella	80% Consensus
Syphilis Serology	80% Consensus
Toxoplasma	80% Consensus
Urine Dipstick	80% Consensus
Urine hCG	80% Consensus
Viral Markers	80% Consensus

Quantitative

For quantitative procedures, a mean and standard deviation (SD) are calculated for each peer group consisting of 10 or more laboratories. Acceptable performance is established based on a target value $\pm$ the intervals below. An explanation on how to calculate the range of acceptability based upon these limits is also provided in your MLE Program Guide on page 37 under the heading "Acceptable Ranges for Quantitative Results."

Activated Partial Thromboplastin Time	$\pm 15\%$
Automated Differential	± 3 SD
CK-MB (U/L)	± 3 SD
Cytomegalovirus	± 2 SD
Fibrinogen	$\pm 20\%$
Hematocrit	$\pm 6\%$
Hemoglobin	$\pm 7\%$
International Normalized Ratio (INR)	$\pm 20\%$
Platelet Count	$\pm 25\%$
Prothrombin Time	$\pm 15\%$
Red Blood Cell Count	$\pm 6\%$
Rubella	± 3 SD
Specific Gravity	± 0.010
Toxoplasma	± 2 SD
White Blood Cell Count	$\pm 15\%$

HEMATOLOGY W/ 5-PART DIFFERENTIAL–WHITE BLOOD CELL COUNT (x K/uL)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	88	20.14	2.03	10.1	21.0	17.1 - 23.2	87	7.58	1.08	14.3	8.1	6.4 - 8.8
All Abbott Cell-Dyn Instruments	50	21.64	0.70	3.3	21.5	18.3 - 24.9	50	8.43	0.34	4.0	8.4	7.1 - 9.7
Abbott Cell-Dyn Ruby	41	21.73	0.66	3.0	21.6	18.4 - 25.0	40	8.52	0.29	3.4	8.5	7.2 - 9.8
Orphee Mythic 22	36	18.01	1.24	6.9	18.2	15.3 - 20.8	35	6.34	0.36	5.7	6.5	5.3 - 7.3
Specimen CL-13							Specimen CL-14					
All Method	87	2.84	0.51	17.9	3.1	2.4 - 3.3	89	20.03	1.98	9.9	20.8	17.0 - 23.1
All Abbott Cell-Dyn Instruments	49	3.23	0.13	4.2	3.2	2.7 - 3.8	50	21.54	0.62	2.9	21.5	18.3 - 24.8
Abbott Cell-Dyn Ruby	39	3.25	0.13	4.0	3.2	2.7 - 3.8	41	21.62	0.57	2.6	21.6	18.3 - 24.9
Orphee Mythic 22	35	2.25	0.13	5.7	2.3	1.9 - 2.6	37	17.96	1.12	6.2	18.1	15.2 - 20.7
Specimen CL-15												
All Method	89	7.57	1.06	14.0	8.1	6.4 - 8.8						
All Abbott Cell-Dyn Instruments	51	8.39	0.31	3.7	8.4	7.1 - 9.7						
Abbott Cell-Dyn Ruby	41	8.44	0.29	3.4	8.5	7.1 - 9.8						
Orphee Mythic 22	36	6.35	0.37	5.8	6.4	5.3 - 7.4						

HEMATOLOGY W/ 5-PART DIFFERENTIAL-RED BLOOD CELL COUNT (x M/uL)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	88	5.183	0.176	3.4	5.21	4.87 - 5.50	v	2.122	0.054	2.5	2.13	1.99 - 2.25
All Abbott Cell-Dyn Instruments	50	5.286	0.089	1.7	5.29	4.96 - 5.61	53	2.132	0.047	2.2	2.13	2.00 - 2.27
Abbott Cell-Dyn Ruby	42	5.305	0.096	1.8	5.30	4.98 - 5.63	44	2.131	0.047	2.2	2.13	2.00 - 2.26
Orphee Mythic 22	36	5.029	0.145	2.9	5.04	4.72 - 5.34	8	2.016	0.081	4.0	2.05	1.89 - 2.14
Specimen CL-13							Specimen CL-14					
All Method	88	2.134	0.067	3.2	2.15	2.00 - 2.27	89	5.175	0.174	3.4	5.20	4.86 - 5.49
All Abbott Cell-Dyn Instruments	51	2.170	0.044	2.0	2.17	2.03 - 2.31	52	5.266	0.107	2.0	5.27	4.94 - 5.59
Abbott Cell-Dyn Ruby	41	2.170	0.047	2.2	2.17	2.03 - 2.31	42	5.270	0.102	1.9	5.28	4.95 - 5.59
Orphee Mythic 22	36	2.085	0.064	3.1	2.09	1.96 - 2.22	35	5.027	0.145	2.9	5.04	4.72 - 5.33
Specimen CL-15												
All Method	89	4.650	0.159	3.4	4.66	4.37 - 4.93						
All Abbott Cell-Dyn Instruments	52	4.744	0.099	2.1	4.76	4.45 - 5.03						
Abbott Cell-Dyn Ruby	42	4.750	0.103	2.2	4.77	4.46 - 5.04						
Orphee Mythic 22	36	4.515	0.133	2.9	4.53	4.24 - 4.79						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–HEMOGLOBIN (g/dL)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	90	16.02	0.90	5.6	16.3	14.8 - 17.2	89	12.86	1.03	8.0	13.4	11.9 - 13.8
All Abbott Cell-Dyn Instruments	51	16.68	0.39	2.3	16.6	15.5 - 17.9	51	13.65	0.32	2.3	13.6	12.6 - 14.7
Abbott Cell-Dyn Ruby	41	16.78	0.35	2.1	16.7	15.6 - 18.0	41	13.71	0.31	2.2	13.7	12.7 - 14.7
Orphee Mythic 22	37	15.15	0.56	3.7	15.2	14.0 - 16.3	36	11.70	0.44	3.8	11.8	10.8 - 12.6
Specimen CL-13							Specimen CL-14					
All Method	88	5.32	0.45	8.5	5.5	4.9 - 5.7	90	15.98	0.84	5.2	16.2	14.8 - 17.1
All Abbott Cell-Dyn Instruments	48	5.66	0.13	2.3	5.6	5.2 - 6.1	52	16.58	0.34	2.1	16.6	15.4 - 17.8
Abbott Cell-Dyn Ruby	39	5.64	0.16	2.8	5.6	5.2 - 6.1	42	16.65	0.31	1.9	16.7	15.4 - 17.9
Orphee Mythic 22	37	4.84	0.20	4.2	4.8	4.5 - 5.2	37	15.12	0.54	3.6	15.2	14.0 - 16.2
Specimen CL-15												
All Method	90	12.87	1.04	8.1	13.4	11.9 - 13.8						
All Abbott Cell-Dyn Instruments	52	13.67	0.26	1.9	13.7	12.7 - 14.7						
Abbott Cell-Dyn Ruby	42	13.70	0.27	2.0	13.7	12.7 - 14.7						
Orphee Mythic 22	36	11.68	0.49	4.2	11.7	10.8 - 12.6						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–HEMATOCRIT (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	90	45.26	1.77	3.9	45.0	42.5 - 48.0	89	38.58	1.49	3.9	38.4	36.2 - 40.9
All Abbott Cell-Dyn Instruments	47	44.38	1.17	2.6	44.3	41.7 - 47.1	46	38.17	1.01	2.7	38.1	35.8 - 40.5
Abbott Cell-Dyn Ruby	42	44.44	1.17	2.6	44.4	41.7 - 47.2	41	38.22	1.03	2.7	38.1	35.9 - 40.6
Orphee Mythic 22	37	45.75	1.46	3.2	45.8	43.0 - 48.5	37	38.55	1.45	3.8	38.5	36.2 - 40.9
Specimen CL-13							Specimen CL-14					
All Method	88	15.66	0.66	4.2	15.5	14.7 - 16.7	88	45.06	1.72	3.8	44.8	42.3 - 47.8
All Abbott Cell-Dyn Instruments	46	15.30	0.37	2.4	15.4	14.3 - 16.3	47	44.23	1.09	2.5	44.1	41.5 - 46.9
Abbott Cell-Dyn Ruby	41	15.29	0.38	2.5	15.3	14.3 - 16.3	42	44.26	1.06	2.4	44.1	41.6 - 47.0
Orphee Mythic 22	37	15.94	0.60	3.8	16.1	14.9 - 16.9	37	45.70	1.60	3.5	45.6	42.9 - 48.5
Specimen CL-15												
All Method	89	38.52	1.39	3.6	38.4	36.2 - 40.9						
All Abbott Cell-Dyn Instruments	46	38.12	0.83	2.2	38.1	35.8 - 40.5						
Abbott Cell-Dyn Ruby	41	38.15	0.84	2.2	38.0	35.8 - 40.5						
Orphee Mythic 22	36	38.35	1.15	3.0	38.5	36.0 - 40.7						

HEMATOLOGY W/ 5-PART DIFFERENTIAL-PLATELET COUNT (x K/uL)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	88	510.0	34.0	6.7	511	382 - 638	89	280.5	19.6	7.0	281	210 - 351
All Abbott Cell-Dyn Instruments	52	514.2	33.2	6.4	514	385 - 643	51	285.2	17.5	6.1	289	213 - 357
Abbott Cell-Dyn Ruby	42	522.2	25.8	4.9	521	391 - 653	41	288.5	14.8	5.1	290	216 - 361
Orphee Mythic 22	36	508.6	39.2	7.7	502	381 - 636	37	275.2	20.2	7.4	275	206 - 344
Specimen CL-13							Specimen CL-14					
All Method	86	79.7	10.3	12.9	79	59 - 100	90	507.0	34.1	6.7	512	380 - 634
All Abbott Cell-Dyn Instruments	51	73.6	6.3	8.5	73	55 - 93	52	510.7	31.4	6.1	516	382 - 639
Abbott Cell-Dyn Ruby	41	74.4	5.6	7.5	73	55 - 94	42	518.6	23.8	4.6	517	388 - 649
Orphee Mythic 22	34	88.8	8.3	9.4	89	66 - 111	37	503.4	36.7	7.3	510	377 - 630
Specimen CL-15												
All Method	90	277.3	18.1	6.5	278	207 - 347						
All Abbott Cell-Dyn Instruments	52	282.1	15.3	5.4	282	211 - 353						
Abbott Cell-Dyn Ruby	42	285.9	13.1	4.6	284	214 - 358						
Orphee Mythic 22	37	271.6	19.1	7.0	268	203 - 340						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–NEUTROPHILS (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	88	74.82	1.18	1.6	75.0	71.2 - 78.4	87	62.61	1.45	2.3	62.9	58.2 - 67.0
All Abbott Cell-Dyn Instruments	50	75.59	0.62	0.8	75.5	73.7 - 77.5	51	63.40	0.75	1.2	63.3	61.1 - 65.7
Abbott Cell-Dyn Ruby	42	75.56	0.59	0.8	75.5	73.7 - 77.4	41	63.47	0.73	1.1	63.4	61.2 - 65.7
Orphee Mythic 22	35	73.80	0.87	1.2	73.9	71.1 - 76.5	35	61.39	1.34	2.2	61.7	57.3 - 65.5
Specimen CL-13							Specimen CL-14					
All Method	84	50.50	1.69	3.3	50.8	45.4 - 55.6	88	74.79	1.05	1.4	74.9	71.6 - 78.0
All Abbott Cell-Dyn Instruments	51	51.18	1.19	2.3	51.2	47.6 - 54.8	52	75.30	0.68	0.9	75.4	73.2 - 77.4
Abbott Cell-Dyn Ruby	41	51.29	1.19	2.3	51.2	47.7 - 54.9	42	75.30	0.63	0.8	75.4	73.4 - 77.2
Orphee Mythic 22	34	48.48	3.87	8.0	49.4	36.8 - 60.1	35	73.99	1.00	1.3	74.1	70.9 - 77.0
Specimen CL-15												
All Method	87	62.57	1.24	2.0	62.8	58.8 - 66.4						
All Abbott Cell-Dyn Instruments	52	63.17	0.83	1.3	63.2	60.6 - 65.7						
Abbott Cell-Dyn Ruby	42	63.26	0.78	1.2	63.3	60.9 - 65.7						
Orphee Mythic 22	35	61.47	1.28	2.1	61.7	57.6 - 65.4						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–LYMPHOCYTES (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	86	15.28	2.16	14.1	16.1	8.7 - 21.8	86	23.56	4.56	19.4	25.6	9.8 - 37.3
All Abbott Cell-Dyn Instruments	52	16.51	0.71	4.3	16.5	14.3 - 18.7	50	26.38	0.83	3.1	26.5	23.8 - 28.9
Abbott Cell-Dyn Ruby	42	16.47	0.69	4.2	16.5	14.3 - 18.6	41	26.36	0.83	3.2	26.5	23.8 - 28.9
Orphee Mythic 22	33	13.09	2.38	18.2	13.3	5.9 - 20.3	33	19.00	4.33	22.8	19.5	6.0 - 32.1
Specimen CL-13							Specimen CL-14					
All Method	87	33.27	4.73	14.2	34.9	19.0 - 47.5	87	15.25	2.45	16.1	16.2	7.9 - 22.6
All Abbott Cell-Dyn Instruments	51	36.31	1.57	4.3	36.3	31.5 - 41.1	52	16.69	0.81	4.8	16.7	14.2 - 19.2
Abbott Cell-Dyn Ruby	41	36.21	1.64	4.5	36.2	31.3 - 41.2	42	16.71	0.82	4.9	16.7	14.2 - 19.2
Orphee Mythic 22	33	28.77	4.37	15.2	29.4	15.6 - 41.9	34	12.78	2.64	20.7	12.9	4.8 - 20.8
Specimen CL-15												
All Method	88	23.79	4.29	18.1	25.3	10.9 - 36.7						
All Abbott Cell-Dyn Instruments	52	26.48	1.07	4.0	26.5	23.2 - 29.7						
Abbott Cell-Dyn Ruby	42	26.37	1.09	4.1	26.4	23.0 - 29.7						
Orphee Mythic 22	34	19.64	4.20	21.4	20.8	7.0 - 32.3						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–MONOCYTES (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	90	5.92	3.49	58.9	3.6	0.0 - 16.4	90	8.23	5.00	60.8	5.1	0.0 - 23.3
All Abbott Cell-Dyn Instruments	51	3.31	0.34	10.4	3.3	2.2 - 4.4	49	4.62	0.44	9.6	4.6	3.2 - 6.0
Abbott Cell-Dyn Ruby	42	3.29	0.32	9.7	3.3	2.3 - 4.3	41	4.66	0.42	9.1	4.6	3.3 - 6.0
Orphee Mythic 22	36	9.83	2.10	21.4	9.7	3.5 - 16.2	36	13.69	3.35	24.5	12.9	3.6 - 23.8
Specimen CL-13							Specimen CL-14					
All Method	89	10.40	5.53	53.2	7.5	0.0 - 27.1	90	6.01	3.58	59.7	3.9	0.0 - 16.8
All Abbott Cell-Dyn Instruments	52	6.59	0.82	12.5	6.5	4.1 - 9.1	52	3.43	0.47	13.9	3.4	2.0 - 4.9
Abbott Cell-Dyn Ruby	42	6.59	0.85	12.9	6.6	4.0 - 9.2	41	3.43	0.39	11.2	3.4	2.2 - 4.6
Orphee Mythic 22	35	16.46	3.86	23.4	15.4	4.8 - 28.1	37	9.71	2.74	28.2	9.6	1.4 - 18.0
Specimen CL-15												
All Method	90	8.27	5.03	60.8	5.3	0.0 - 23.4						
All Abbott Cell-Dyn Instruments	52	4.69	0.62	13.2	4.7	2.8 - 6.6						
Abbott Cell-Dyn Ruby	42	4.65	0.55	11.9	4.7	2.9 - 6.4						
Orphee Mythic 22	36	13.74	3.45	25.1	13.1	3.3 - 24.1						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–EOSINOPHILS (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	88	3.70	0.92	24.8	4.1	0.9 - 6.5	87	4.78	0.80	16.7	5.0	2.3 - 7.2
All Abbott Cell-Dyn Instruments	51	4.27	0.22	5.1	4.3	3.6 - 5.0	51	5.07	0.27	5.4	5.1	4.2 - 5.9
Abbott Cell-Dyn Ruby	41	4.29	0.20	4.6	4.3	3.6 - 4.9	41	5.07	0.24	4.7	5.0	4.3 - 5.8
Orphee Mythic 22	36	2.78	0.98	35.1	2.9	0.0 - 5.8	37	4.44	1.54	34.8	4.4	0.0 - 9.1
Specimen CL-13							Specimen CL-14					
All Method	86	4.75	0.74	15.6	4.9	2.5 - 7.0	88	3.74	0.86	23.0	4.0	1.1 - 6.4
All Abbott Cell-Dyn Instruments	51	4.98	0.41	8.2	5.0	3.7 - 6.2	52	4.30	0.26	6.0	4.3	3.5 - 5.1
Abbott Cell-Dyn Ruby	42	4.99	0.36	7.3	5.0	3.9 - 6.1	42	4.30	0.26	5.9	4.3	3.5 - 5.1
Orphee Mythic 22	35	4.34	1.30	29.9	4.5	0.4 - 8.3	37	2.79	0.92	33.0	2.9	0.0 - 5.6
Specimen CL-15												
All Method	84	4.83	0.77	16.0	5.0	2.5 - 7.2						
All Abbott Cell-Dyn Instruments	50	5.10	0.26	5.0	5.1	4.3 - 5.9						
Abbott Cell-Dyn Ruby	41	5.14	0.29	5.6	5.1	4.2 - 6.1						
Orphee Mythic 22	35	4.09	1.43	34.9	4.3	0.0 - 8.4						

HEMATOLOGY W/ 5-PART DIFFERENTIAL–BASOPHILS (percent)

Specimen CL-11							Specimen CL-12					
<u>Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	85	0.32	0.19	59.9	0.3	0.0 - 1.0	89	0.50	0.28	56.4	0.4	0.0 - 1.4
All Abbott Cell-Dyn Instruments	52	0.27	0.16	59.0	0.3	0.0 - 0.8	52	0.40	0.21	53.7	0.4	0.0 - 1.1
Abbott Cell-Dyn Ruby	42	0.25	0.14	55.3	0.3	0.0 - 0.7	42	0.39	0.22	56.6	0.4	0.0 - 1.1
Orphee Mythic 22	35	0.46	0.29	64.2	0.4	0.0 - 1.4	37	0.65	0.33	50.4	0.6	0.0 - 1.7
Specimen CL-13							Specimen CL-14					
All Method	89	0.72	0.35	48.0	0.7	0.0 - 1.8	87	0.34	0.21	61.6	0.3	0.0 - 1.0
All Abbott Cell-Dyn Instruments	51	0.83	0.32	38.8	0.9	0.0 - 1.8	51	0.27	0.16	57.9	0.3	0.0 - 0.8
Abbott Cell-Dyn Ruby	41	0.84	0.31	36.4	0.9	0.0 - 1.8	41	0.27	0.15	56.8	0.3	0.0 - 0.8
Orphee Mythic 22	37	0.54	0.28	50.7	0.5	0.0 - 1.4	36	0.47	0.27	58.2	0.4	0.0 - 1.3
Specimen CL-15												
All Method	90	0.52	0.30	57.4	0.5	0.0 - 1.5						
All Abbott Cell-Dyn Instruments	52	0.44	0.26	59.5	0.4	0.0 - 1.3						
Abbott Cell-Dyn Ruby	42	0.45	0.25	55.1	0.4	0.0 - 1.2						
Orphee Mythic 22	37	0.62	0.31	50.4	0.6	0.0 - 1.6						

BLOOD BANK

ABO GROUP

<u>Specimen</u>	<u>Results</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
BB-11	Group A	119	99.17%	Acceptable
	Group O	1	0.83%	
BB-12	Group O	119	100%	Acceptable
BB-13	Group O	119	99.17%	Acceptable
	Group A	1	0.83%	
BB-14	Group A	118	98.33%	Acceptable
	Group B	1	0.83%	
	Group O	1	0.83%	
BB-15	Group B	117	99.15%	Acceptable
	Group A	1	0.85%	

RH FACTOR (D TYPE)

<u>Specimen</u>	<u>Results</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
BB-11	Rh Positive	120	100%	Acceptable
BB-12	Rh Positive	118	99.16%	Acceptable
	Rh Negative	1	0.84%	
BB-13	Rh Negative	119	99.17%	Acceptable
	Rh Positive	1	0.83%	
BB-14	Rh Negative	119	99.17%	Acceptable
	Rh Positive	1	0.83%	
BB-15	Rh Positive	118	100%	Acceptable

BLOOD BANK

UNEXPECTED ANTIBODY DETECTION

<u>Specimen</u>	<u>Results</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
AB-11	Unexpected antibody detected	85	97.70%	Acceptable
	No unexpected antibody detected	2	2.30%	
AB-12	Unexpected antibody detected	84	96.55%	Acceptable
	No unexpected antibody detected	3	3.45%	
AB-13	No unexpected antibody detected	81	93.10%	Acceptable
	Unexpected antibody detected	6	6.90%	
AB-14	No unexpected antibody detected	83	95.40%	Acceptable
	Unexpected antibody detected	4	4.60%	
AB-15	No unexpected antibody detected	85	97.70%	Acceptable
	Unexpected antibody detected	2	2.30%	

ANTIBODY IDENTIFICATION

<u>Specimen</u>	<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
AB-11	Anti-K	31	96.88%	Acceptable
	Anti-k	1	3.13%	
AB-12	Anti-E	31	96.88%	Acceptable
	Anti-D	1	3.13%	
AB-13	No antibody detected	32	100%	Acceptable
AB-14	No antibody detected	32	100%	Acceptable
AB-15	No antibody detected	31	96.88%	Acceptable
	Anti-Le(a)	1	3.13%	

BLOOD BANK

COMPATIBILITY TESTING

<u>Specimen</u>	<u>Results</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
AB-11	Not Compatible	86	97.73%	Acceptable
	Compatible	2	2.27%	
AB-12	Compatible	88	100%	Acceptable
AB-13	Compatible	79	89.77%	Acceptable
	Not Compatible	9	10.23%	
AB-14	Compatible	84	95.45%	Acceptable
	Not Compatible	4	4.55%	
AB-15	Compatible	85	96.59%	Acceptable
	Not Compatible	3	3.41%	

Coagulation

PROTHROMBIN TIME (seconds)

<u>Reagent/Instrument</u>	Specimen CG-11						Specimen CG-12					
	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	125	13.73	1.42	10.3	13.7	11.6 - 15.8	127	11.88	1.77	14.9	12.1	10.0 - 13.7
Dade Innovin												
Dade Behring BFT II	5	12.10	0.39	3.2	12.0	10.2 - 14.0	5	8.42	0.41	4.9	8.6	7.1 - 9.7
Sysmex CA-500/600 series	24	12.77	0.56	4.4	12.8	10.8 - 14.7	24	9.83	0.38	3.8	9.9	8.3 - 11.4
All Coagulation Instruments	34	12.64	0.59	4.7	12.6	10.7 - 14.6	34	9.61	0.65	6.7	9.8	8.1 - 11.1
Dade Thromborel S												
All Coagulation Instruments	4	13.25	2.12	16.0	12.4	11.2 - 15.3	4	13.40	1.66	12.4	12.9	11.3 - 15.5
Diag Stago STA Neoplastine CI+												
Diagnostica Stago STA Compact	4	14.65	0.26	1.8	14.6	12.4 - 16.9	4	12.90	0.18	1.4	12.9	10.9 - 14.9
Diagnostica Stago STart 4/8	8	14.35	1.52	10.6	14.3	12.1 - 16.6	8	12.49	1.09	8.7	12.6	10.6 - 14.4
RAL Clot-SP	17	14.62	0.39	2.7	14.6	12.4 - 16.9	18	13.21	0.42	3.1	13.2	11.2 - 15.2
All Coagulation Instruments	34	14.55	0.86	5.9	14.5	12.3 - 16.8	36	12.86	0.86	6.6	13.1	10.9 - 14.8
Diagon Dia-PT												
Coalyzer-410	4	17.50	1.04	6.0	17.6	14.8 - 20.2	4	14.83	0.43	2.9	14.8	12.6 - 17.1
HemosIL RecombiPlasTin 2G												
IL ACL, all models	6	12.23	0.40	3.3	12.2	10.3 - 14.1	6	10.95	0.23	2.1	11.0	9.3 - 12.6
HUMAN HemoStat Thromboplastin - SI												
Human HumaClot Junior	7	14.83	0.98	6.6	15.2	12.6 - 17.1	7	13.96	0.86	6.1	13.5	11.8 - 16.1
All Coagulation Instruments	9	14.16	1.60	11.3	15.2	12.0 - 16.3	9	13.51	1.19	8.8	13.5	11.4 - 15.6
IL TEST PT Fibrinogen												
IL ACL, all models	8	13.24	0.68	5.1	13.0	11.2 - 15.3	8	11.53	1.01	8.7	11.3	9.7 - 13.3
All Coagulation Instruments	9	13.52	1.06	7.9	13.1	11.4 - 15.6	9	11.74	1.15	9.8	11.3	9.9 - 13.6
IL TEST PT-FIB HS PLUS												
IL ACL, all models	15	14.63	0.87	5.9	14.6	12.4 - 16.9	15	12.53	0.50	4.0	12.5	10.6 - 14.5

PROTHROMBIN TIME (seconds)

<u>Reagent/Instrument</u>	Specimen CG-13						Specimen CG-14					
	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	118	29.01	4.71	16.2	29.3	24.6 - 33.4	114	54.17	10.73	19.8	55.2	46.0 - 62.3
Dade Innovin												
Dade Behring BFT II	5	26.02	1.37	5.3	25.4	22.1 - 30.0	5	49.98	1.69	3.4	49.3	42.4 - 57.5
Sysmex CA-500/600 series	22	24.94	0.94	3.8	25.1	21.1 - 28.7	22	45.28	2.04	4.5	45.0	38.4 - 52.1
All Coagulation Instruments	32	25.08	1.05	4.2	25.2	21.3 - 28.9	32	45.98	2.56	5.6	45.6	39.0 - 52.9
Dade Thromborel S												
All Coagulation Instruments	2	-	-	-	35.4	30.0 - 40.8	4	71.95	12.39	17.2	70.1	61.1 - 82.8
Diag Stago STA Neoplastine CI+												
Diagnostica Stago STA Compact	4	32.28	2.90	9.0	33.1	27.4 - 37.2	3	-	-	-	60.9	54.9 - 74.3
Diagnostica Stago STart 4/8	6	32.87	2.21	6.7	32.8	27.9 - 37.8	8	65.68	5.10	7.8	66.5	55.8 - 75.6
RAL Clot-SP	18	33.12	1.46	4.4	33.3	28.1 - 38.1	18	63.89	3.49	5.5	64.1	54.3 - 73.5
All Coagulation Instruments	33	32.74	2.14	6.5	33.1	27.8 - 37.7	33	64.60	4.53	7.0	64.2	54.9 - 74.3
Diagon Dia-PT												
Coalyzer-410	4	34.85	3.28	9.4	34.3	29.6 - 40.1	2	-	-	-	65.0	46.0 - 62.3
HemosIL RecombiPlasTin 2G												
IL ACL, all models	6	28.27	1.74	6.1	28.0	24.0 - 32.6	6	53.23	2.98	5.6	53.9	45.2 - 61.3
HUMAN HemoStat Thromboplastin - SI												
Human HumaClot Junior	6	27.60	0.79	2.9	27.5	23.4 - 31.8	5	48.24	1.92	4.0	47.2	41.0 - 55.5
All Coagulation Instruments	8	26.21	2.96	11.3	27.4	22.2 - 30.2	7	46.84	6.36	13.6	47.2	39.8 - 53.9
IL TEST PT Fibrinogen												
IL ACL, all models	7	22.10	2.52	11.4	21.6	18.7 - 25.5	6	34.33	2.79	8.1	34.8	29.1 - 39.5
IL TEST PT-FIB HS PLUS												
IL ACL, all models	15	33.03	2.29	6.9	32.0	28.0 - 38.0	12	59.08	3.96	6.7	58.9	50.2 - 68.0

PROTHROMBIN TIME (seconds)

Specimen CG-15						
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	126	11.82	1.59	13.5	12.0	10.0 - 13.6
Dade Innovin						
Dade Behring BFT II	5	8.78	0.34	3.9	8.8	7.4 - 10.1
Sysmex CA-500/600 series	22	10.12	0.28	2.7	10.2	8.6 - 11.7
All Coagulation Instruments	33	9.96	0.69	6.9	10.1	8.4 - 11.5
Dade Thromborel S						
All Coagulation Instruments	4	11.88	1.89	15.9	11.3	10.0 - 13.7
Diag Stago STA Neoplastine Cl+						
Diagnostica Stago STA Compact	4	12.90	0.18	1.4	12.9	10.9 - 14.9
Diagnostica Stago STart 4/8	8	12.43	1.25	10.0	12.3	10.5 - 14.3
RAL Clot-SP	18	13.16	0.45	3.4	13.1	11.1 - 15.2
All Coagulation Instruments	34	12.84	0.78	6.0	12.9	10.9 - 14.8
Diagon Dia-PT						
Coalyzer-410	4	14.28	0.38	2.6	14.2	12.1 - 16.5
HemosIL RecombiPlasTin 2G						
IL ACL, all models	6	10.97	0.30	2.7	11.0	9.3 - 12.7
HUMAN HemoStat Thromboplastin - SI						
Human HumaClot Junior	7	13.03	0.80	6.2	13.5	11.0 - 15.0
All Coagulation Instruments	9	12.60	1.10	8.7	12.7	10.7 - 14.5
IL TEST PT Fibrinogen						
IL ACL, all models	8	11.54	0.79	6.9	11.3	9.8 - 13.3
All Coagulation Instruments	9	11.71	0.91	7.7	11.3	9.9 - 13.5
IL TEST PT-FIB HS PLUS						
IL ACL, all models	15	12.66	0.50	4.0	12.6	10.7 - 14.6

PROTHROMBIN TIME-INTERNATIONAL NORMALIZED RATIO (INR)

<u>Reagent/Instrument</u>	Specimen CG-11						Specimen CG-12					
	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	122	1.15	0.14	12.2	1.2	0.9 - 1.4	121	0.96	0.10	10.3	1.0	0.7 - 1.2
Dade Innovin												
Dade Behring BFT II	5	1.32	0.08	6.3	1.3	1.0 - 1.6	5	0.96	0.05	5.7	1.0	0.7 - 1.2
Sysmex CA-500/600 series	24	1.25	0.07	5.8	1.3	1.0 - 1.5	24	0.97	0.06	5.8	1.0	0.7 - 1.2
All Coagulation Instruments	34	1.26	0.08	6.3	1.3	1.0 - 1.6	34	0.96	0.06	5.7	1.0	0.7 - 1.2
Dade Thromborel S												
All Coagulation Instruments	4	1.08	0.10	8.9	1.1	0.8 - 1.3	4	1.05	0.06	5.5	1.1	0.8 - 1.3
Diag Stago STA Neoplastine CI+												
Diagnostica Stago STart 4/8	6	1.20	0.15	12.9	1.2	0.9 - 1.5	6	0.95	0.10	11.0	1.0	0.7 - 1.2
RAL Clot-SP	16	1.13	0.06	5.3	1.1	0.9 - 1.4	16	0.97	0.07	7.3	1.0	0.7 - 1.2
All Coagulation Instruments	28	1.15	0.09	8.0	1.1	0.9 - 1.4	29	0.96	0.08	8.7	1.0	0.7 - 1.2
Diagon Dia-PT												
All Coagulation Instruments	4	1.38	0.10	7.0	1.4	1.1 - 1.7	4	1.15	0.13	11.2	1.2	0.9 - 1.4
HemosIL RecombiPlasTin 2G												
IL ACL, all models	6	1.03	0.12	11.7	1.1	0.8 - 1.3	6	0.92	0.13	14.5	1.0	0.7 - 1.2
HUMAN HemoStat Thromboplastin - SI												
Human HumaClot Junior	7	1.09	0.11	9.8	1.1	0.8 - 1.4	7	1.01	0.07	6.8	1.0	0.8 - 1.3
All Coagulation Instruments	9	1.06	0.11	10.7	1.1	0.8 - 1.3	9	1.01	0.06	5.9	1.0	0.8 - 1.3
IL TEST PT Fibrinogen												
IL ACL, all models	6	1.25	0.05	4.4	1.3	1.0 - 1.5	6	0.95	0.05	5.8	1.0	0.7 - 1.2
All Coagulation Instruments	9	1.17	0.14	12.1	1.2	0.9 - 1.5	9	0.92	0.12	13.0	0.9	0.7 - 1.2
IL TEST PT-FIB HS PLUS												
IL ACL, all models	15	1.06	0.11	10.6	1.0	0.8 - 1.3	15	0.88	0.07	7.7	0.9	0.7 - 1.1

PROTHROMBIN TIME-INTERNATIONAL NORMALIZED RATIO (INR)

<u>Reagent/Instrument</u>	Specimen CG-13						Specimen CG-14					
	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	118	2.71	0.47	17.3	2.6	2.1 - 3.3	113	5.59	1.56	27.8	5.0	4.4 - 6.8
Dade Innovin												
Dade Behring BFT II	5	2.48	0.11	4.4	2.4	1.9 - 3.0	5	4.30	0.19	4.4	4.3	3.4 - 5.2
Sysmex CA-500/600 series	24	2.42	0.19	7.8	2.4	1.9 - 3.0	23	4.40	0.32	7.2	4.4	3.5 - 5.3
All Coagulation Instruments	34	2.42	0.18	7.2	2.4	1.9 - 3.0	33	4.36	0.30	6.9	4.3	3.4 - 5.3
Dade Thromborel S												
All Coagulation Instruments	3	-	-	-	2.8	2.1 - 3.3	4	6.05	0.90	14.9	5.9	4.8 - 7.3
Diag Stago STA Neoplastine CI+												
Diagnostica Stago STart 4/8	5	3.56	0.42	11.9	3.7	2.8 - 4.3	6	7.65	1.28	16.7	7.4	6.1 - 9.2
RAL Clot-SP	16	3.23	0.23	7.2	3.2	2.5 - 3.9	16	7.64	0.56	7.4	7.5	6.1 - 9.2
All Coagulation Instruments	28	3.26	0.35	10.8	3.2	2.6 - 4.0	29	7.49	0.98	13.1	7.4	5.9 - 9.0
Diagon Dia-PT												
All Coagulation Instruments	4	2.60	0.35	13.3	2.5	2.0 - 3.2	2	-	-	-	4.7	3.7 - 5.7
HemosIL RecombiPlasTin 2G												
IL ACL, all models	6	2.48	0.24	9.7	2.6	1.9 - 3.0	6	4.77	0.43	9.0	5.0	3.8 - 5.8
HUMAN HemoStat Thromboplastin - SI												
Human HumaClot Junior	7	2.03	0.44	21.6	2.2	1.6 - 2.5	4	3.85	0.47	12.3	3.7	3.0 - 4.7
All Coagulation Instruments	9	1.98	0.41	20.5	2.0	1.5 - 2.4	6	3.80	0.63	16.6	3.7	3.0 - 4.6
IL TEST PT Fibrinogen												
IL ACL, all models	6	2.90	0.17	5.8	3.0	2.3 - 3.5	6	6.77	1.14	16.9	7.1	5.4 - 8.2
All Coagulation Instruments	9	2.84	0.32	11.4	3.0	2.2 - 3.5	7	6.54	1.20	18.4	7.0	5.2 - 7.9
IL TEST PT-FIB HS PLUS												
IL ACL, all models	15	2.73	0.32	11.6	2.7	2.1 - 3.3	14	5.10	1.02	19.9	5.2	4.0 - 6.2

PROTHROMBIN TIME–INTERNATIONAL NORMALIZED RATIO (INR)

Specimen CG-15

<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	122	0.96	0.11	11.8	1.0	0.7 - 1.2
Dade Innovin						
Dade Behring BFT II	5	0.98	0.04	4.6	1.0	0.7 - 1.2
Sysmex CA-500/600 series	23	1.00	0.04	4.3	1.0	0.8 - 1.2
All Coagulation Instruments	33	1.00	0.05	4.7	1.0	0.7 - 1.2
Dade Thromborel S						
All Coagulation Instruments	4	0.93	0.05	5.4	0.9	0.7 - 1.2
Diag Stago STA Neoplastine CI+						
Diagnostica Stago STart 4/8	6	0.98	0.13	13.5	1.0	0.7 - 1.2
RAL Clot-SP	16	0.95	0.06	6.7	0.9	0.7 - 1.2
All Coagulation Instruments	29	0.95	0.09	10.0	1.0	0.7 - 1.2
Diagon Dia-PT						
All Coagulation Instruments	4	1.13	0.10	8.5	1.2	0.9 - 1.4
HemosIL RecombiPlasTin 2G						
IL ACL, all models	6	0.93	0.10	11.1	1.0	0.7 - 1.2
HUMAN HemoStat Thromboplastin - SI						
Human HumaClot Junior	7	0.94	0.08	8.3	1.0	0.7 - 1.2
All Coagulation Instruments	9	0.94	0.07	7.7	1.0	0.7 - 1.2
IL TEST PT Fibrinogen						
IL ACL, all models	6	0.98	0.04	4.2	1.0	0.7 - 1.2
All Coagulation Instruments	9	0.91	0.12	12.8	1.0	0.7 - 1.1
IL TEST PT-FIB HS PLUS						
IL ACL, all models	15	0.89	0.06	7.2	0.9	0.7 - 1.1

ACTIVATED PARTIAL THROMBOPLASTIN (seconds)

<u>Reagent/Instrument</u>	Specimen CG-11						Specimen CG-12					
	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	75	32.7	3.4	10.5	33	27 - 38	76	34.5	3.3	9.4	34	29 - 40
Dade Actin												
Sysmex CA-500/600 series	4	34.5	1.3	3.7	35	29 - 40	4	37.3	1.7	4.6	38	31 - 43
All Coagulation Instruments	5	34.4	1.1	3.3	34	29 - 40	5	37.0	1.6	4.3	37	31 - 43
Dade Actin FSL												
Sysmex CA-500/600 series	9	26.1	0.8	3.0	26	22 - 31	9	31.4	2.9	9.1	31	26 - 37
All Coagulation Instruments	11	26.5	1.1	4.3	26	22 - 31	11	31.7	2.6	8.3	31	26 - 37
Diagnostica Stago STA C.K. Prest												
bioMerieux Thrombolyzer Compact X/XR	3	36.7	0.6	1.6	37	31 - 43	3	38.7	1.5	4.0	39	32 - 45
Diagnostica Stago STart 4/8	5	35.8	1.9	5.4	35	30 - 42	5	37.6	3.6	9.7	38	31 - 44
All Coagulation Instruments	11	35.7	1.7	4.9	36	30 - 42	11	37.6	2.6	7.0	38	31 - 44
Diagnostica Stago STA-PTT												
All Coagulation Instruments	4	39.0	6.1	15.5	37	33 - 45	4	40.3	3.2	8.0	41	34 - 47
Hemoliance SynthASil												
IL ACL, all models	4	31.8	0.5	1.6	32	26 - 37	4	32.8	1.0	2.9	33	27 - 38
HUMAN HemoStat aPTT - EL												
Human HumaClot Junior	5	36.0	1.9	5.2	36	30 - 42	6	33.8	2.1	6.3	33	28 - 39
All Coagulation Instruments	8	35.1	2.5	7.2	36	29 - 41	9	34.3	2.8	8.1	33	29 - 40
IL TEST APTT-SP												
IL ACL, all models	20	32.6	1.2	3.6	33	27 - 38	20	33.7	1.8	5.5	34	28 - 39
All Coagulation Instruments	21	32.6	1.2	3.6	33	27 - 38	21	33.7	1.8	5.3	34	28 - 39

ACTIVATED PARTIAL THROMBOPLASTIN (seconds)

Specimen CG-13							Specimen CG-14					
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	76	60.6	17.1	28.3	53	51 - 70	68	81.0	20.5	25.3	74	68 - 94
Dade Actin												
Sysmex CA-500/600 series	4	76.5	1.3	1.7	77	65 - 88	3	119.3	2.5	2.1	119	101 - 138
All Coagulation Instruments	5	76.2	1.3	1.7	76	64 - 88	4	118.0	3.4	2.9	118	100 - 136
Dade Actin FSL												
Sysmex CA-500/600 series	9	50.0	1.8	3.6	50	42 - 58	9	71.8	6.3	8.7	69	61 - 83
All Coagulation Instruments	11	50.5	2.4	4.8	50	42 - 59	11	72.3	5.9	8.2	71	61 - 84
Diagnostica Stago STA C.K. Prest												
bioMerieux Thrombolyzer Compact X/XR	3	55.7	2.9	5.2	54	47 - 65	3	80.3	3.2	4.0	79	68 - 93
Diagnostica Stago STart 4/8	4	49.5	7.1	14.4	51	42 - 57	4	74.8	6.0	8.0	77	63 - 86
All Coagulation Instruments	10	52.4	5.2	9.9	54	44 - 61	10	76.7	4.8	6.3	78	65 - 89
Diagnostica Stago STA-PTT												
All Coagulation Instruments	4	56.5	5.8	10.3	56	48 - 65	4	82.3	8.5	10.4	80	69 - 95
Hemoliance SynthASil												
IL ACL, all models	4	67.3	2.2	3.3	68	57 - 78	4	94.8	2.6	2.8	96	80 - 109
HUMAN HemoStat aPTT - EL												
Human HumaClot Junior	5	98.0	7.0	7.1	102	83 - 113	3	155.7	14.2	9.1	148	132 - 180
All Coagulation Instruments	8	97.9	5.8	5.9	100	83 - 113	4	161.5	16.4	10.2	160	137 - 186
IL TEST APTT-SP												
IL ACL, all models	20	50.6	2.9	5.8	51	42 - 59	19	69.6	4.5	6.5	69	59 - 81
All Coagulation Instruments	21	50.6	2.8	5.6	51	42 - 59	20	69.8	4.5	6.4	70	59 - 81

Specimen CG-15						
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	71	28.1	2.0	7.1	28	23 - 33
Dade Actin						
Sysmex CA-500/600 series	3	30.0	1.0	3.3	30	25 - 35
All Coagulation Instruments	4	29.8	1.0	3.2	30	25 - 35
Dade Actin FSL						
Sysmex CA-500/600 series	9	25.8	0.4	1.7	26	21 - 30
All Coagulation Instruments	11	26.2	1.1	4.1	26	22 - 31
Diagnostica Stago STA C.K. Prest						
bioMerieux Thrombolyzer Compact X/XR	3	30.7	1.5	5.0	31	26 - 36
Diagnostica Stago STart 4/8	5	30.0	2.0	6.7	31	25 - 35
All Coagulation Instruments	11	30.4	1.5	4.9	31	25 - 35
Diagnostica Stago STA-PTT						
All Coagulation Instruments	4	34.0	5.5	16.1	32	28 - 40
Hemoliance SynthASil						
IL ACL, all models	4	27.3	0.5	1.8	27	23 - 32
HUMAN HemoStat aPTT - EL						
Human HumaClot Junior	5	28.2	0.4	1.6	28	23 - 33
All Coagulation Instruments	7	27.6	1.3	4.6	28	23 - 32
IL TEST APTT-SP						
IL ACL, all models	20	27.5	1.0	3.6	28	23 - 32
All Coagulation Instruments	21	27.4	1.0	3.7	28	23 - 32

FIBRINOGEN (mg/dL)

Specimen CG-11							Specimen CG-12					
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	38	133.2	23.5	17.7	129	106 - 160	39	525.3	86.7	16.5	540	420 - 631
Dade Thrombin												
All Coagulation Instruments	2	-	-	-	90	71 - 108	3	367.3	20.6	5.6	375	293 - 441
Diagnostica Stago STA Fibrinogen												
Diagnostica Stago STA Compact	3	119.0	7.2	6.1	121	95 - 143	4	492.8	38.8	7.9	509	394 - 592
All Coagulation Instruments	8	126.4	10.4	8.2	125	101 - 152	9	518.1	35.8	6.9	519	414 - 622
IL Fibrinogen-C												
IL ACL, all models	5	120.0	11.8	9.8	122	96 - 144	5	605.6	91.1	15.0	613	484 - 727
IL TEST PT-FIB HS PLUS												
IL ACL, all models	11	151.2	20.7	13.7	149	120 - 182	11	571.3	45.0	7.9	571	457 - 686
Specimen CG-13							Specimen CG-14					
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	39	308.7	59.1	19.1	296	246 - 371	32	330.8	75.4	22.8	300	264 - 397
Dade Thrombin												
All Coagulation Instruments	3	226.3	37.3	16.5	210	181 - 272	3	236.7	32.7	13.8	241	189 - 285
Diagnostica Stago STA Fibrinogen												
Diagnostica Stago STA Compact	4	280.5	21.5	7.7	274	224 - 337	4	296.3	28.2	9.5	291	237 - 356
All Coagulation Instruments	9	289.7	34.8	12.0	280	231 - 348	9	307.6	31.0	10.1	300	246 - 370
IL Fibrinogen-C												
IL ACL, all models	5	284.2	37.0	13.0	299	227 - 342	5	291.0	39.2	13.5	299	232 - 350
IL TEST PT-FIB HS PLUS												
IL ACL, all models	10	373.3	28.7	7.7	383	298 - 448	8	431.6	43.5	10.1	434	345 - 518
Specimen CG-15												
<u>Reagent/Instrument</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>						
All Method	40	341.1	52.3	15.3	343	272 - 410						
Dade Thrombin												
All Coagulation Instruments	3	247.0	40.9	16.6	237	197 - 297						
Diagnostica Stago STA Fibrinogen												
Diagnostica Stago STA Compact	4	323.8	30.1	9.3	313	259 - 389						
All Coagulation Instruments	9	342.1	37.8	11.1	335	273 - 411						
IL Fibrinogen-C												
IL ACL, all models	5	320.4	39.2	12.2	332	256 - 385						
IL TEST PT-FIB HS PLUS												
IL ACL, all models	11	377.4	29.2	7.7	386	301 - 453						

URINALYSIS DIPSTICK–SPECIFIC GRAVITY

Specimen UA-3

<u>Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
All Method	457	1.0136	0.0073	0.7	1.010	1.003 - 1.024
All Arkray Methods	14	1.0289	0.0022	0.2	1.030	1.018 - 1.039
All DIRUI Methods	26	1.0129	0.0056	0.6	1.010	1.002 - 1.023
All Iris Diagnostics Methods	11	1.0245	0.0013	0.1	1.025	1.014 - 1.035
All Refractive Index Methods	31	1.0263	0.0024	0.2	1.026	1.016 - 1.037
All Roche Methods	160	1.0136	0.0063	0.6	1.015	1.003 - 1.024
All Siemens Methods	52	1.0117	0.0054	0.5	1.010	1.001 - 1.022
77 Elektronika LabUMat/2	12	1.0236	0.0050	0.5	1.025	1.013 - 1.034
Combi-Screen Test Strips	11	1.0073	0.0041	0.4	1.005	0.997 - 1.018
DIRUI H-100 / H-500 Urine Analyzer	20	1.0110	0.0031	0.3	1.010	1.001 - 1.021
Iris Diagnostics iChem Velocity Strips	11	1.0245	0.0013	0.1	1.025	1.014 - 1.035
Other Analyzer Method	11	1.0199	0.0108	1.1	1.027	1.009 - 1.030
Roche Chemstrips / Combur	28	1.0070	0.0034	0.3	1.005	0.996 - 1.017
Roche cobas u 411	91	1.0124	0.0038	0.4	1.015	1.002 - 1.023
Roche Urisys	60	1.0162	0.0081	0.8	1.015	1.006 - 1.027
SD UroColor Reagent Strips	36	1.0115	0.0033	0.3	1.010	1.001 - 1.022
Siemens Clinitek Advantus	32	1.0095	0.0019	0.2	1.010	0.999 - 1.020
Siemens Clinitek Status / Status+	10	1.0140	0.0032	0.3	1.015	1.004 - 1.024
UriScan Pro/II	11	1.0159	0.0067	0.7	1.015	1.005 - 1.026
UriScan Reagent Strips	31	1.0125	0.0063	0.6	1.010	1.002 - 1.023

URINALYSIS DIPSTICK-pH

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>≤3.5</u>	<u>4.0</u>	<u>4.5</u>	<u>5.0</u>	<u>5.5</u>	<u>6.0</u>	<u>6.5</u>	<u>7.0</u>	<u>7.5</u>	<u>8.0</u>	<u>8.5</u>	<u>≥9.0</u>
ALL METHODS	484	-	-	-	-	-	-	2	9	51	393	27	2
77 Elektronika LabUMat/2	14	-	-	-	-	-	-	-	-	13	1	-	-
Acon Laboratories	9	-	-	-	-	-	-	-	-	-	9	-	-
Analyticon CombiScan 500	3	-	-	-	-	-	-	-	-	-	3	-	-
Arkray Aution Jet	3	-	-	-	-	-	-	-	-	-	3	-	-
Arkray Aution Sticks	11	-	-	-	-	-	-	-	-	-	11	-	-
Arkray PocketChem UA	3	-	-	-	-	-	-	-	-	-	3	-	-
Combi-Screen Test Strips	11	-	-	-	-	-	-	-	-	-	11	-	-
DIRUI H-100 / H-500 Urine Analyzer	20	-	-	-	-	-	-	1	-	9	8	2	-
DIRUI H-800 Urine Analyzer	7	-	-	-	-	-	-	-	-	1	5	1	-
Erba Mannheim Uro-dipcheck 400e	1	-	-	-	-	-	-	-	-	-	1	-	-
Henry Schein One Step Plus	2	-	-	-	-	-	-	-	-	-	2	-	-
HUMAN Combilyzer	1	-	-	-	-	-	-	-	-	-	1	-	-
HUMAN COMBINA Test Strips	4	-	-	-	-	-	-	-	-	-	4	-	-
Iris Diagnostics Aution Max AX-4280	1	-	-	-	-	-	-	-	-	-	1	-	-
Iris Diagnostics iChem Velocity Strips	10	-	-	-	-	-	-	1	-	-	9	-	-
Other Analyzer Method	10	-	-	-	-	-	-	-	2	3	5	-	-
Other Dipstick Method	7	-	-	-	-	-	-	-	1	1	4	1	-
Plasmatec URIPATH	2	-	-	-	-	-	-	-	-	-	2	-	-
Roche Chemstrip 101	7	-	-	-	-	-	-	-	-	-	7	-	-
Roche Chemstrips / Combur	31	-	-	-	-	-	-	-	1	1	27	1	1
Roche cobas 6500 / u 601	3	-	-	-	-	-	-	-	-	-	3	-	-
Roche cobas u 411	96	-	-	-	-	-	-	-	2	2	92	-	-
Roche Miditron Junior/II	1	-	-	-	-	-	-	-	-	-	1	-	-
Roche Urilux S	2	-	-	-	-	-	-	-	-	-	1	1	-
Roche Urisys	60	-	-	-	-	-	-	-	-	1	59	-	-
SD UroColor Reagent Strips	36	-	-	-	-	-	-	-	-	4	30	2	-
Siemens Clinitek 500	2	-	-	-	-	-	-	-	-	-	2	-	-
Siemens Clinitek Advantus	34	-	-	-	-	-	-	-	-	2	26	6	-
Siemens Clinitek Atlas	6	-	-	-	-	-	-	-	-	1	4	1	-
Siemens Clinitek Status / Status+	12	-	-	-	-	-	-	-	-	2	1	9	-
Siemens Multistix Pro	4	-	-	-	-	-	-	-	-	1	3	-	-
Siemens Reagent Strips	17	-	-	-	-	-	-	-	-	-	15	2	-
Urinometer	1	-	-	-	-	-	-	-	-	-	1	-	-
UriScan Pro/II	11	-	-	-	-	-	-	-	-	2	7	1	1
UriScan Reagent Strips	33	-	-	-	-	-	-	-	3	4	26	-	-

URINALYSIS DIPSTICK–PROTEIN QUALITATIVE

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>Negative</u>	<u>Trace</u>	<u>(1+)</u>	<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>	<u>10 - 20</u> <u>mg/dL</u>	<u>30 - 70</u> <u>mg/dL</u>	<u>75</u> <u>mg/dL</u>	<u>100 - 200</u> <u>mg/dL</u>	<u>≥300 - 600</u> <u>mg/dL</u>	<u>>600 or ≥1000</u> <u>mg/dL</u>
ALL METHODS	484	471	6	2	-	-	-	4	1	-	-	-	-
77 Elektronika LabUMat/2	15	15	-	-	-	-	-	-	-	-	-	-	-
Acon Laboratories	9	7	1	-	-	-	-	1	-	-	-	-	-
Analyticon CombiScan 500	3	3	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Jet	3	3	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Sticks	11	10	-	-	-	-	-	1	-	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-	-
Combi-Screen Test Strips	11	11	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-	-	-	-	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-	-
Henry Schein One Step Plus	2	1	-	1	-	-	-	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics iChem Velocity Strips	10	9	-	1	-	-	-	-	-	-	-	-	-
Other Analyzer Method	11	10	-	-	-	-	-	-	1	-	-	-	-
Other Dipstick Method	8	8	-	-	-	-	-	-	-	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrips / Combur	32	32	-	-	-	-	-	-	-	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-	-
Roche cobas u 411	96	96	-	-	-	-	-	-	-	-	-	-	-
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-	-
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-	-
Roche Urisys	59	59	-	-	-	-	-	-	-	-	-	-	-
SD UroColor Reagent Strips	36	31	3	-	-	-	-	2	-	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Status / Status+	12	12	-	-	-	-	-	-	-	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-	-
Siemens Reagent Strips	16	16	-	-	-	-	-	-	-	-	-	-	-
Urinometer	1	1	-	-	-	-	-	-	-	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-	-
UriScan Reagent Strips	33	31	2	-	-	-	-	-	-	-	-	-	-

URINALYSIS DIPSTICK–GLUCOSE

Specimen UA-3

<u>Method</u>	<u>Labs</u>	<u>Negative or Normal</u>	<u>Trace</u>	<u>(1+)</u>	<u>Participant Results</u>				<u>30 - 100 mg/dL</u>	<u>150 - 300 mg/dL</u>	<u>500 mg/dL</u>	<u>>500 or ≥1000 or ≥2000 mg/dL</u>
					<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>					
ALL METHODS	482	480	1	-	-	-	-	-	1	-	-	-
77 Elektronika LabUMat/2	14	14	-	-	-	-	-	-	-	-	-	-
Acon Laboratories	9	9	-	-	-	-	-	-	-	-	-	-
Analyticon CombiScan 500	3	3	-	-	-	-	-	-	-	-	-	-
Arkray Aution Jet	3	3	-	-	-	-	-	-	-	-	-	-
Arkray Aution Sticks	11	11	-	-	-	-	-	-	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-
Combi-Screen Test Strips	11	11	-	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-	-	-	-	-	-	-
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-	-	-	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-
Henry Schein One Step Plus	2	2	-	-	-	-	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics iChem Velocity Strips	10	9	-	-	-	-	-	-	1	-	-	-
Other Analyzer Method	11	11	-	-	-	-	-	-	-	-	-	-
Other Dipstick Method	8	8	-	-	-	-	-	-	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-
Roche Chemstrips / Combur	31	31	-	-	-	-	-	-	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-
Roche cobas u 411	94	93	1	-	-	-	-	-	-	-	-	-
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-
Roche Urisys	60	60	-	-	-	-	-	-	-	-	-	-
SD UroColor Reagent Strips	36	36	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Status / Status+	12	12	-	-	-	-	-	-	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-
Siemens Reagent Strips	17	17	-	-	-	-	-	-	-	-	-	-
Urinometer	1	1	-	-	-	-	-	-	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-
UriScan Reagent Strips	32	32	-	-	-	-	-	-	-	-	-	-
URIT Medical Uritest Reagent Strips	1	1	-	-	-	-	-	-	-	-	-	-

URINALYSIS DIPSTICK–KETONES

Specimen UA-3

<u>Method</u>	<u>Labs</u>	<u>Negative</u>	<u>Trace</u>	<u>Small</u>	<u>Moderate</u>	<u>Large</u>	<u>Participant Results</u>					<u>5 - 10</u> <u>mg/dL</u>	<u>15 - 20</u> <u>mg/dL</u>	<u>40 - 60</u> <u>mg/dL</u>	<u>80 - 100</u> <u>mg/dL</u>	<u>≥150</u> <u>mg/dL</u>
							<u>(1+)</u>	<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>						
ALL METHODS	484	481	2	-	-	-	1	-	-	-	-	-	-	-	-	
77 Elektronika LabUMat/2	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acon Laboratories	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Analyticon CombiScan 500	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arkray Aution Jet	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arkray Aution Sticks	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Combi-Screen Test Strips	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Henry Schein One Step Plus	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iris Diagnostics iChem Velocity Strips	10	9	-	-	-	-	1	-	-	-	-	-	-	-	-	
Other Analyzer Method	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Dipstick Method	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche Chemstrips / Combur	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche cobas u 411	96	96	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Roche Urisys	59	59	-	-	-	-	-	-	-	-	-	-	-	-	-	
SD UroColor Reagent Strips	36	35	1	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Clinitek Status / Status+	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siemens Reagent Strips	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	
Urinometer	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
UriScan Reagent Strips	33	32	1	-	-	-	-	-	-	-	-	-	-	-	-	

URINALYSIS DIPSTICK–BILIRUBIN

Specimen UA-3

<u>Method</u>	<u>Labs</u>	<u>Negative</u>	<u>Trace</u>	<u>Small</u>	<u>Moderate</u>	<u>Participant Results</u>					<u>0.5 - 1.0 mg/dL</u>	<u>2.0 - 4.0 mg/dL</u>	<u>6.0 - 10.0 mg/dL</u>	<u>>10.0 mg/dL</u>
						<u>Large</u>	<u>(1+)</u>	<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>				
ALL METHODS	472	472	-	-	-	-	-	-	-	-	-	-	-	-
77 Elektronika LabUMat/2	14	14	-	-	-	-	-	-	-	-	-	-	-	-
Acon Laboratories	9	9	-	-	-	-	-	-	-	-	-	-	-	-
Analyticon CombiScan 500	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Jet	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Sticks	11	11	-	-	-	-	-	-	-	-	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Combi-Screen Test Strips	10	10	-	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-	-	-	-	-	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Henry Schein One Step Plus	2	2	-	-	-	-	-	-	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics iChem Velocity Strips	11	11	-	-	-	-	-	-	-	-	-	-	-	-
Other Analyzer Method	11	11	-	-	-	-	-	-	-	-	-	-	-	-
Other Dipstick Method	8	8	-	-	-	-	-	-	-	-	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrips / Combur	30	30	-	-	-	-	-	-	-	-	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Roche cobas u 411	96	96	-	-	-	-	-	-	-	-	-	-	-	-
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Roche Urisys	60	60	-	-	-	-	-	-	-	-	-	-	-	-
SD UroColor Reagent Strips	36	36	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Status / Status+	12	12	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Reagent Strips	6	6	-	-	-	-	-	-	-	-	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-	-	-
UriScan Reagent Strips	32	32	-	-	-	-	-	-	-	-	-	-	-	-

URINALYSIS DIPSTICK–UROBILINOGEN

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>Normal or 0.0 - 0.2 mg/dL</u>	<u>1.0 or <2.0 mg/dL</u>	<u>2.0/3.0 mg/dL</u>	<u>4.0 or 4.0/6.0 mg/dL</u>	<u>≥8.0 or ≥12.0 mg/dL</u>
ALL METHODS	469	467	1	1	-	-
77 Elektronika LabUMat/2	15	15	-	-	-	-
Acon Laboratories	9	9	-	-	-	-
Analyticon CombiScan 500	3	3	-	-	-	-
Arkray Aution Jet	3	3	-	-	-	-
Arkray Aution Sticks	10	10	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-
Combi-Screen Test Strips	11	11	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-
Henry Schein One Step Plus	2	2	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-
Iris Diagnostics iChem Velocity Strips	11	10	-	1	-	-
Other Analyzer Method	11	11	-	-	-	-
Other Dipstick Method	8	8	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-
Roche Chemstrips / Combur	30	30	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-
Roche cobas u 411	94	94	-	-	-	-
Roche Mditron Junior/II	1	1	-	-	-	-
Roche Urilux S	2	2	-	-	-	-
Roche Urisys	59	59	-	-	-	-
SD UroColor Reagent Strips	36	36	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-
Siemens Clinitek Status / Status+	11	11	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-
Siemens Reagent Strips	6	6	-	-	-	-
Urinometer	1	1	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-
UriScan Reagent Strips	32	31	1	-	-	-

URINALYSIS DIPSTICK–BLOOD/HEMOGLOBIN
Specimen UA-3

<u>Method</u>	<i>Participant Results</i>																	
	<u>Labs</u>	<u>Negative</u>	<u>Trace</u>	<u>Small</u>	<u>Moderate</u>	<u>Large</u>	<u>(1+)</u>	<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>	<u>(5+)</u>	<u>5 - 25</u> <u>Ery/μL</u>	<u>50 -</u> <u>100</u> <u>Ery/μL</u>	<u>250</u> <u>Ery/μL</u>	<u>±0.03</u> <u>mg/dL</u>	<u>0.06</u> <u>-</u> <u>0.10</u> <u>mg/</u> <u>dL</u>	<u>0.2 -</u> <u>0.5</u> <u>mg/</u> <u>dL</u>	<u>≥ 1.0</u> <u>mg/</u> <u>dL</u>
ALL METHODS	484	480	1	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-
77 Elektronika LabUMat/2	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acon Laboratories	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Analyticon CombiScan 500	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Jet	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Sticks	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Combi-Screen Test Strips	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	20	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-800 Urine Analyzer	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Henry Schein One Step Plus	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics iChem Velocity Strips	11	10	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Other Analyzer Method	11	10	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Other Dipstick Method	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrips / Combur	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche cobas u 411	96	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roche Urisys	60	59	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
SD UroColor Reagent Strips	36	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Status / Status+	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siemens Reagent Strips	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Urinometer	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UriScan Reagent Strips	32	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

URINALYSIS DIPSTICK–LEUKOCYTE ESTERASE

Specimen UA-3

<u>Method</u>	<i>Participant Results</i>												
	<u>Labs</u>	<u>Negative</u>	<u>Trace</u>	<u>Small</u>	<u>Moderate</u>	<u>Large</u>	<u>(1+)</u>	<u>(2+)</u>	<u>(3+)</u>	<u>(4+)</u>	<u>25 µL</u>	<u>75 or 100 µL</u>	<u>250 or 500 µL</u>
ALL METHODS	470	460	3	-	-	-	4	-	1	-	2	-	-
77 Elektronika LabUMat/2	15	15	-	-	-	-	-	-	-	-	-	-	-
Acon Laboratories	9	9	-	-	-	-	-	-	-	-	-	-	-
Analyticon CombiScan 500	3	3	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Jet	2	2	-	-	-	-	-	-	-	-	-	-	-
Arkray Aution Sticks	10	10	-	-	-	-	-	-	-	-	-	-	-
Arkray PocketChem UA	3	3	-	-	-	-	-	-	-	-	-	-	-
Combi-Screen Test Strips	11	11	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	21	21	-	-	-	-	-	-	-	-	-	-	-
DIRUI H-800 Urine Analyzer	6	5	-	-	-	-	1	-	-	-	-	-	-
Erba Mannheim Uro-dipcheck 400e	1	1	-	-	-	-	-	-	-	-	-	-	-
Henry Schein One Step Plus	2	2	-	-	-	-	-	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	4	4	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics Aution Max AX-4280	1	1	-	-	-	-	-	-	-	-	-	-	-
Iris Diagnostics iChem Velocity Strips	11	10	-	-	-	-	-	-	1	-	-	-	-
Other Analyzer Method	11	11	-	-	-	-	-	-	-	-	-	-	-
Other Dipstick Method	8	7	-	-	-	-	1	-	-	-	-	-	-
Plasmatec URIPATH	2	2	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrip 101	7	7	-	-	-	-	-	-	-	-	-	-	-
Roche Chemstrips / Combur	30	30	-	-	-	-	-	-	-	-	-	-	-
Roche cobas 6500 / u 601	3	3	-	-	-	-	-	-	-	-	-	-	-
Roche cobas u 411	96	94	-	-	-	-	1	-	-	-	1	-	-
Roche Mditron Junior/II	1	1	-	-	-	-	-	-	-	-	-	-	-
Roche Urilux S	2	2	-	-	-	-	-	-	-	-	-	-	-
Roche Urisys	60	59	1	-	-	-	-	-	-	-	-	-	-
SD UroColor Reagent Strips	36	34	1	-	-	-	1	-	-	-	-	-	-
Siemens Clinitek 500	2	2	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Advantus	34	34	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Atlas	6	6	-	-	-	-	-	-	-	-	-	-	-
Siemens Clinitek Status / Status+	11	11	-	-	-	-	-	-	-	-	-	-	-
Siemens Multistix Pro	4	4	-	-	-	-	-	-	-	-	-	-	-
Siemens Reagent Strips	6	6	-	-	-	-	-	-	-	-	-	-	-
Urinometer	1	1	-	-	-	-	-	-	-	-	-	-	-
UriScan Pro/II	11	11	-	-	-	-	-	-	-	-	-	-	-
UriScan Reagent Strips	31	30	1	-	-	-	-	-	-	-	-	-	-

URINALYSIS DIPSTICK–NITRITE

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	473	5	468
77 Elektronika LabUMat/2	15	-	15
Acon Laboratories	10	-	10
Analyticon CombiScan 500	3	1	2
Arkray Aution Jet	3	-	3
Arkray Aution Sticks	11	-	11
Arkray PocketChem UA	3	-	3
Combi-Screen Test Strips	11	-	11
DIRUI H-100 / H-500 Urine Analyzer	21	-	21
DIRUI H-800 Urine Analyzer	6	-	6
Erba Mannheim Uro-dipcheck 400e	1	-	1
Henry Schein One Step Plus	2	-	2
HUMAN Combilyzer	1	-	1
HUMAN COMBINA Test Strips	4	-	4
Iris Diagnostics Aution Max AX-4280	1	-	1
Iris Diagnostics iChem Velocity Strips	11	1	10
Other Analyzer Method	11	-	11
Other Dipstick Method	8	-	8
Plasmatec URIPATH	2	-	2
Roche Chemstrip 101	7	-	7
Roche Chemstrips / Combur	30	-	30
Roche cobas 6500 / u 601	3	-	3
Roche cobas u 411	95	2	93
Roche Miditron Junior/II	1	-	1
Roche Urilux S	2	-	2
Roche Urisys	60	1	59
SD UroColor Reagent Strips	37	-	37
Siemens Clinitek 500	2	-	2
Siemens Clinitek Advantus	34	-	34
Siemens Clinitek Atlas	5	-	5
Siemens Clinitek Status / Status+	11	-	11
Siemens Multistix Pro	4	-	4
Siemens Reagent Strips	6	-	6
Urinometer	1	-	1
UriScan Pro/II	11	-	11
UriScan Reagent Strips	32	-	32

URINALYSIS –MICROALBUMIN (dipstick only)

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>Negative</u>	<u>10 mg/L</u>	<u>20 mg/L</u>	<u>30 mg/L</u>	<u>50 mg/L</u>	<u>80 mg/L</u>	<u>100 mg/L</u>	<u>150 mg/L</u>	<u>+ (4 - 8 mg/dL)</u>	<u>++ (>8 mg/dL)</u>
ALL METHODS	42	30	7	2	3	-	-	-	-	-	-
Beckman Coulter ICON microALB	2	2	-	-	-	-	-	-	-	-	-
DIRUI H-100 / H-500 Urine Analyzer	4	1	2	-	1	-	-	-	-	-	-
HUMAN Combilyzer	1	1	-	-	-	-	-	-	-	-	-
HUMAN COMBINA Test Strips	2	2	-	-	-	-	-	-	-	-	-
Other Dipstick Method	3	1	-	1	1	-	-	-	-	-	-
Roche Micral - 1 minute	4	3	-	1	-	-	-	-	-	-	-
Siemens Clinitek Microalbumin	3	-	3	-	-	-	-	-	-	-	-
UriScan Reagent Strips	1	1	-	-	-	-	-	-	-	-	-
URIT Medical Uritest Analyzers	1	1	-	-	-	-	-	-	-	-	-

URINALYSIS –URINE hCG

Specimen UA-3

Participant Results

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	136	-	136
Acon Laboratories	8	-	8
Alere Acceava hCG-Urine	2	-	2
Alere Clearview hCG Cassette	9	-	9
Beckman Coulter ICON 25 hCG	1	-	1
Biotron 1-Step	7	-	7
CONSULT diagnostics hCG Combo	1	-	1
Henry Schein One Step	1	-	1
Medline hCG Test Strip	1	-	1
Other Dipstick Method	3	-	3
PEP (Lab Supply) HCG	1	-	1
Quidel QuickVue + One-Step	3	-	3
Quidel QuickVue One-Step Combo	23	-	23
Quidel QuickVue One-Step Urine	9	-	9
RefuAH hCG Dipstick	1	-	1
Stanbio QuStick	1	-	1
Sure-Vue hCG - 25mIU	2	-	2

ANTIMICROBIAL SUSCEPTIBILIY TESTING

Specimen UC-11, CC-11 (SUS-11)					-----Disk Diffusion-----				-----MIC-----				
<u>Antimicrobial</u>	<i>Interpretative category data</i>				<i>Interpretative category data</i>				<u>Acceptable (%)</u>				
	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>					
Amikacin	17	4	-	13	7	4	-	3	Inappropriate drug ¹				
Amoxicillin/Clavulanate	40	2	-	38	13	2	-	11	92.59%				
Ampicillin	60	1	-	59	155	2	-	153	98.62%				
Ampicillin/Sulbactam	17	-	-	17	12	2	-	10	93.33%				
Aztreonam	5	1	-	4	1	1	-	-	Inappropriate drug ¹				
Cefaclor	4	-	-	4	-	-	-	-	Inappropriate drug ¹				
Cefazolin	2	1	-	1	2	1	-	1	Inappropriate drug ¹				
Cefepime	13	1	1	11	3	1	-	2	Inappropriate drug ¹				
Cefixime	7	-	-	7	-	-	-	-	Inappropriate drug ¹				
Cefoperazone	2	1	-	1	-	-	-	-	Inappropriate drug ¹				
Cefotaxime	15	2	-	13	4	1	-	3	Inappropriate drug ¹				
Cefoxitin	6	-	-	6	5	-	1	4	Inappropriate drug ¹				
Cefpodoxime	1	-	-	1	-	-	-	-	Inappropriate drug ¹				
Ceftazidime	11	2	-	9	4	1	-	3	Inappropriate drug ¹				
Ceftizoxime	1	-	-	1	-	-	-	-	Inappropriate drug ¹				
Ceftriaxone	21	3	1	17	6	2	-	4	Inappropriate drug ¹				
Cefuroxime	19	1	-	18	5	1	-	4	Inappropriate drug ¹				
Cephalexin	4	-	-	4	1	-	-	1	Inappropriate drug ¹				
Cephalothin	5	1	-	4	2	-	-	2	Inappropriate drug ¹				
Ciprofloxacin	78	4	-	74	134	2	1	131	96.74%				
Daptomycin	1	1	-	-	46	46	-	-	100.00%				
Doxycycline	20	20	-	-	-	-	-	-	100.00%				
Ertapenem	2	-	-	2	1	1	-	-	Inappropriate drug ¹				
Fosfomycin	13	10	3	-	2	1	-	1	Inappropriate drug ¹				
Gentamicin	46	25	8	13	45	34	-	11	Inappropriate drug ¹				
Imipenem	14	-	-	14	5	1	-	4	Inappropriate drug ¹				
Levofloxacin	39	-	-	39	99	1	-	98	99.30%				
Linezolid	37	31	2	4	135	94	37	4	95.40%				
Meropenem	9	-	-	9	1	1	-	-	Inappropriate drug ¹				
Minocycline	3	3	-	-	4	3	-	1	85.71%				

¹ This is an inappropriate drug for organism and/or source.

ANTIMICROBIAL SUSCEPTIBILITY TESTING (cont'd)
Specimen UC-11, CC-11 (SUS-11)

Specimen UC-11, CC-11 (SUS-11)					-----Disk Diffusion-----					-----MIC-----					
<u>Antimicrobial</u>	<u>Interpretative category data</u>				<u>Interpretative category data</u>				<u>Acceptable (%)</u>						
	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>							
Moxifloxacin	6	-	-	6	11	1	-	10	Inappropriate drug ¹						
Nalidixic Acid	10	2	-	8	-	-	-	-	Inappropriate drug ¹						
Netilmicin	1	-	-	1	-	-	-	-	Inappropriate drug ¹						
Nitrofurantoin	74	9	2	63	110	3	6	101	88.77%						
Norfloxacin	25	1	-	24	8	1	-	7	93.94%						
Ofloxacin	11	-	-	11	-	-	-	-	Inappropriate drug ¹						
Oxacillin	6	-	-	6	4	1	-	3	Inappropriate drug ¹						
Penicillin	49	1	-	48	51	-	-	51	99.02%						
Piperacillin	3	-	-	3	2	-	-	2	100.00%						
Piperacillin/Tazobactam	15	1	-	14	3	-	-	3	94.44%						
Quinupristin/Dalfopristin	-	-	-	-	44	40	1	3	88.89%						
Rifampin	6	-	1	5	8	2	1	5	85.72%						
Sulfisoxazole	1	-	-	1	-	-	-	-	Inappropriate drug ¹						
Teicoplanin	18	1	1	16	73	1	1	71	95.60%						
Tetracycline	39	35	1	3	92	92	-	-	96.99%						
Tobramycin	3	-	-	3	-	-	-	-	Inappropriate drug ¹						
Trimethoprim	-	-	-	-	3	-	-	3	Inappropriate drug ¹						
Trimethoprim/Sulfamethoxazole	27	5	-	22	66	2	1	63	Inappropriate drug ¹						
Vancomycin	50	1	-	49	168	3	-	165	98.20%						

Organism(s) present: *Enterococcus faecium*.

PARASITOLOGY (PA Specimens)

Specimen PA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	3	33.33%	Unacceptable
Entamoeba coli	2	22.22%	Unacceptable
Entamoeba histolytica	1	11.11%	Unacceptable
Trichuris trichiura eggs	1	11.11%	Unacceptable
Balantidium coli	1	11.11%	Unacceptable
Blastocystis hominis	1	11.11%	Unacceptable

Parasite(s) present: *Dientamoeba fragilis*. This specimen is graded to US statistics.

Specimen PA-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	2	33.33%	Acceptable
Giardia lamblia	2	33.33%	
Entamoeba coli	1	16.67%	
Entamoeba histolytica	1	16.67%	

Parasite(s) present: No parasite present. This specimen is graded to US statistics.

Specimen PA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Strongyloides stercoralis larvae	12	75.00%	Acceptable
No parasite seen	2	12.50%	
Fasciola hepatica eggs	1	6.25%	
Clonorchis sinensis	1	6.25%	

Parasite(s) present: *Strongyloides stercoralis larvae*. This specimen is graded to US statistics.

PARASITOLOGY (PA Specimens) cont'd

Specimen PA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Diphyllobothrium latum	12	75.00%	Acceptable
Ascaris lumbricoides eggs	2	12.50%	
Fasciola hepatica eggs	1	6.25%	
Clonorchis sinensis	1	6.25%	

Parasite(s) present: *Diphyllobothrium latum*. This specimen is graded to US statistics.

Specimen PA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Plasmodium malariae	4	30.77%	Acceptable
Plasmodium sp., not falciparum	1	7.69%	Acceptable
Plasmodium sp., NOS	1	7.69%	Acceptable
No parasite seen	6	46.15%	
Plasmodium falciparum	1	7.69%	

Parasite(s) present: *Plasmodium malariae*. This specimen is graded to US statistics.

PARASITOLOGY (FP Specimens)

Specimen FP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	284	95.30%	Acceptable
Endolimax nana	2	0.67%	
Entamoeba coli	2	0.67%	
Blastocystis hominis	2	0.67%	
Cryptosporidium sp., oocysts	1	0.34%	
Ascaris lumbricoides eggs	1	0.34%	
Hookworm	1	0.34%	
Hymenolepis diminuta eggs	1	0.34%	
Isospora belli oocysts	1	0.34%	
Strongyloides stercoralis larvae	1	0.34%	
Other parasite seen but no ID	1	0.34%	
Cyclospora sp.	1	0.34%	

Parasite(s) present: No parasite present.

Specimen FP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Strongyloides stercoralis larvae	268	89.33%	Acceptable
No parasite seen	22	7.33%	
Hookworm	2	0.67%	
Entamoeba coli	2	0.67%	
Entamoeba histolytica	2	0.67%	
Blastocystis hominis	2	0.67%	
Endolimax nana	1	0.33%	
Giardia lamblia	1	0.33%	

Parasite(s) present: *Strongyloides stercoralis* larvae.

PARASITOLOGY (FP Specimens) cont'd

Specimen FP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Giardia lamblia	283	52.80%	Acceptable
Entamoeba coli	145	27.05%	Acceptable
Parasite egg seen but no ID	2	0.37%	Acceptable
Protozoan seen but no ID	1	0.19%	Acceptable
Endolimax nana	65	12.13%	
Blastocystis hominis	18	3.36%	
Entamoeba histolytica	12	2.24%	
Hookworm	3	0.56%	
No parasite seen	2	0.37%	
Diphyllobothrium latum	2	0.37%	
Cyclospora cayetanensis	1	0.19%	
Iodamoeba butschlii	1	0.19%	
Protozoan seen but no ID	1	0.19%	
Enterobius vermicularis eggs	1	0.19%	

Parasite(s) present: *Giardia lamblia* and *Entamoeba coli*.

PARASITOLOGY (FP Specimens) cont'd

Specimen FP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Hookworm	264	69.84%	Acceptable
Parasite egg seen but no ID	6	1.59%	Acceptable
Parasite larvae seen but no ID	2	0.53%	Acceptable
Entamoeba coli	60	15.87%	
Blastocystis hominis	8	2.12%	
Trichostrongylus sp. eggs	8	2.12%	
Enterobius vermicularis eggs	6	1.59%	
Strongyloides stercoralis larvae	6	1.59%	
Entamoeba histolytica	4	1.06%	
Other parasite seen but no ID	2	0.53%	
Ascaris lumbricoides eggs	2	0.53%	
Giardia lamblia	2	0.53%	
Trichuris trichiura eggs	1	0.26%	
Nonpath, protozoan present	1	0.26%	
No parasite seen	1	0.26%	
Taenia sp. eggs	1	0.26%	
Fasciola hepatica eggs	1	0.26%	

Parasite(s) present: *Hookworm*. This challenge was graded by referee consensus.

PARASITOLOGY (FP Specimens) cont'd

Specimen FP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Plasmodium ovale	24	7.89%	Acceptable
Plasmodium sp., NOS	51	16.78%	Acceptable
Plasmodium sp., not falciparum	28	9.21%	Acceptable
Plasmodium vivax	155	50.99%	
Plasmodium malariae	17	5.59%	
Plasmodium falciparum	14	4.61%	
No parasite seen	10	3.29%	
Babesia sp.	2	0.66%	
Leishmania sp.	1	0.33%	
Toxoplasma gondii	1	0.33%	
Other parasite seen but no ID	1	033%	

Parasite(s) present: *Plasmodium ovale*. This challenge was graded by referee consensus.

Antinuclear Antibody (ANA) - Qualitative

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	12	13	1	10	4
Immuno Concepts	-	1	1	-	-	1
INOVA Diagnostics	1	6	7	-	5	2
Kallestad	-	1	1	-	1	-
Phadia EliA	1	-	1	-	1	-
Zeus	-	1	1	-	-	1

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	11	14	-
Immuno Concepts	-	1	1	-
INOVA Diagnostics	2	5	7	-
Kallestad	-	1	1	-
Phadia EliA	1	-	1	-
Zeus	-	1	1	-

Antinuclear Antibody (ANA)—Quantitative (Titer)

<u>Specimen/Method</u>	<u>8/ 10</u>	<u>16/ 20</u>	<u>32/ 40</u>	<u>64/ 80</u>	<u>128/ 160</u>	<u>256/ 320</u>	<u>512/ 640</u>	<u>>640</u>	<u>1024/ 1280</u>	<u>2048/ 2560</u>	<u>≥2560</u>	<u>N/A (Neg)</u>
------------------------	------------------	-------------------	-------------------	-------------------	---------------------	---------------------	---------------------	----------------	-----------------------	-----------------------	--------------	----------------------

Specimen AE-11

ALL METHODS	-	-	1	-	-	-	-	-	-	-	-	8
Immuno Concepts	-	-	1	-	-	-	-	-	-	-	-	-
INOVA Diagnostics	-	-	-	-	-	-	-	-	-	-	-	5
Kallestad	-	-	-	-	-	-	-	-	-	-	-	1
Zeus	-	-	-	-	-	-	-	-	-	-	-	1

Antinuclear Antibody (ANA)—Quantitative (Titer)

<u>Specimen/Method</u>	<u>8/ 10</u>	<u>16/ 20</u>	<u>32/ 40</u>	<u>64/ 80</u>	<u>128/ 160</u>	<u>256/ 320</u>	<u>512/ 640</u>	<u>>640</u>	<u>1024/ 1280</u>	<u>2048/ 2560</u>	<u>≥2560</u>	<u>N/A (Neg)</u>
------------------------	------------------	-------------------	-------------------	-------------------	---------------------	---------------------	---------------------	----------------	-----------------------	-----------------------	--------------	----------------------

Specimen AE-12

ALL METHODS	-	-	1	-	-	5	2	-	-	-	1	-
Immuno Concepts	-	-	1	-	-	-	-	-	-	-	-	-
INOVA Diagnostics	-	-	-	-	-	3	1	-	-	-	1	-
Kallestad	-	-	-	-	-	-	1	-	-	-	-	-
Zeus	-	-	-	-	-	1	-	-	-	-	-	-

Specimen AE-13

ALL METHODS	-	-	1	2	1	1	-	-	-	1	-	3
Immuno Concepts	-	-	1	-	-	-	-	-	-	-	-	-
INOVA Diagnostics	-	-	-	1	1	-	-	-	-	1	-	2
Kallestad	-	-	-	1	-	-	-	-	-	-	-	-
Zeus	-	-	-	-	-	-	-	-	-	-	-	1

Specimen AE-14

ALL METHODS	-	-	1	-	-	-	-	-	-	-	-	8
Immuno Concepts	-	-	1	-	-	-	-	-	-	-	-	-
INOVA Diagnostics	-	-	-	-	-	-	-	-	-	-	-	5
Kallestad	-	-	-	-	-	-	-	-	-	-	-	1
Zeus	-	-	-	-	-	-	-	-	-	-	-	1

Specimen AE-15

ALL METHODS	-	-	1	1	1	4	-	-	-	1	1	-
Immuno Concepts	-	-	1	-	-	-	-	-	-	-	-	-
INOVA Diagnostics	-	-	-	1	1	2	-	-	-	1	-	-
Kallestad	-	-	-	-	-	-	-	-	-	-	1	-
Zeus	-	-	-	-	-	1	-	-	-	-	-	-

Anti-dsDNA

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	2	9	-	11
BioSystems	-	1	-	1	-	1
INOVA Diagnostics	-	6	1	5	-	6
Zeus	-	1	-	1	-	1

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	2	9
BioSystems	-	1	-	1
INOVA Diagnostics	-	6	2	4
Zeus	-	1	-	1

Anti-RNP

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	8	-	8	6	2
INOVA Diagnostics	-	6	-	6	5	1

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	8	8	-
INOVA Diagnostics	-	6	6	-

Anti-RNP/Sm

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	-	11	9	2

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	10	1

Anti-SSA

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	9	9	2	11	-
INOVA Diagnostics	-	6	6	-	6	-

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	10	-	11
INOVA Diagnostics	-	6	-	6

Anti-SSB

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	-	11	-	11
INOVA Diagnostics	-	6	-	6	-	6

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	-	11
INOVA Diagnostics	-	6	-	6

Anti-SSA/SSB

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-	2	2	-

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	2	-	2

Anti-Sm

<u>Method</u>	Specimen AE-11		Specimen AE-12		Specimen AE-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	-	11	-	11
INOVA Diagnostics	-	7	-	7	-	7

<u>Method</u>	Specimen AE-14		Specimen AE-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	11	11	-
INOVA Diagnostics	-	7	7	-

Rubella—Qualitative

<u>Method</u>	Specimen RU-11		Specimen RU-12		Specimen RU-13	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	25	25	-	25	-
Abbott Architect	-	14	14	-	14	-
bioMerieux Vidas, Mini Vidas	-	1	1	-	1	-
Roche cobas 6000 / e 601	-	2	2	-	2	-
Roche cobas 6000/e601 - IgG	-	2	2	-	2	-
Roche cobas e 411	-	1	1	-	1	-
Siemens ADVIA Centaur	-	1	1	-	1	-
Siemens Immulite 2000	-	1	1	-	1	-
VITROS ECI	-	3	3	-	3	-

<u>Method</u>	Specimen RU-14		Specimen RU-15	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	25	25	-
Abbott Architect	-	14	14	-
bioMerieux Vidas, Mini Vidas	-	1	1	-
Roche cobas 6000 / e 601	-	2	2	-
Roche cobas 6000/e601 - IgG	-	2	2	-
Roche cobas e 411	-	1	1	-
Siemens ADVIA Centaur	-	1	1	-
Siemens Immulite 2000	-	1	1	-
VITROS ECI	-	3	3	-

Rubella—Quantitative (IU/mL)

<u><i>Specimen/Method</i></u>	<u><i>Labs</i></u>	<u><i>Mean</i></u>	<u><i>SD</i></u>	<u><i>CV</i></u>	<u><i>Median</i></u>	<u><i>Range</i></u>
Specimen RU-11						
All Method	32	0.10	0.16	162.6	0.0	0.0 - 0.6
Abbott Architect	16	0.01	0.02	400.0	0.0	0.0 - 0.1
Specimen RU-12						
All Method	34	99.22	109.73	110.6	24.5	0.0 - 428.5
Abbott Architect	17	19.28	1.50	7.8	19.4	14.7 - 23.8
Specimen RU-13						
All Method	35	97.48	109.49	112.3	21.9	0.0 - 426.0
Abbott Architect	18	19.36	1.47	7.6	19.7	14.9 - 23.8
Specimen RU-14						
All Method	32	0.07	0.10	142.4	0.0	0.0 - 0.4
Abbott Architect	17	0.00	0.01	0.0	0.0	0.0 - 0.1
Specimen RU-15						
All Method	34	71.57	80.36	112.3	17.5	0.0 - 312.7
Abbott Architect	17	13.16	1.09	8.3	13.1	9.8 - 16.5

Syphilis Serology—Qualitative: VDRL Slide

<u>Method</u>	Specimen SY-11			Specimen SY-12			Specimen SY-13		
	<u>Reactive</u>	<u>Weakly Reactive</u>	<u>Non- Reactive</u>	<u>Reactive</u>	<u>Weakly Reactive</u>	<u>Non- Reactive</u>	<u>Reactive</u>	<u>Weakly Reactive</u>	<u>Non- Reactive</u>
ALL METHODS	35	-	1	1	1	34	34	1	1
Abbott Architect	2	-	-	-	-	2	2	-	-
Human	1	-	-	-	-	1	1	-	-
Omega Diagnostics	1	-	-	-	-	1	1	-	-
Plasmatec	4	-	-	-	-	4	3	1	-
SPINREACT	1	-	-	-	-	1	1	-	-
Standard Diagnostics	3	-	-	-	-	3	3	-	-
Wiener Lab	20	-	1	1	1	19	20	-	1

<u>Method</u>	Specimen SY-14			Specimen SY-15		
	<u>Reactive</u>	<u>Weakly Reactive</u>	<u>Non- Reactive</u>	<u>Reactive</u>	<u>Weakly Reactive</u>	<u>Non- Reactive</u>
ALL METHODS	-	-	36	34	2	-
Abbott Architect	-	-	2	2	-	-
Human	-	-	1	1	-	-
Omega Diagnostics	-	-	1	1	-	-
Plasmatec	-	-	4	2	2	-
SPINREACT	-	-	1	1	-	-
Standard Diagnostics	-	-	3	3	-	-
Wiener Lab	-	-	21	21	-	-

Syphilis Serology—Quantitative: VDRL Slide Titer

<u>Specimen/Method</u>	<u>0 dils</u>	<u>1 dil</u>	<u>2 dils</u>	<u>4 dils</u>	<u>8 dils</u>	<u>16 dils</u>	<u>32 dils</u>	<u>>32 dils</u>	<u>N/A</u> <u>(Neg)</u>
------------------------	---------------	--------------	---------------	---------------	---------------	----------------	----------------	--------------------	----------------------------

Specimen SY-11

ALL METHODS	1	1	17	7	-	2	1	-	1
BioSystems	-	-	1	-	-	-	-	-	-
Omega Diagnostics	-	-	-	-	-	1	-	-	-
Plasmatec	-	-	3	-	-	-	-	-	-
SPINREACT	-	-	1	-	-	-	-	-	-
Wiener Lab	1	1	11	7	-	1	-	-	1

Specimen SY-12

ALL METHODS	1	1	-	-	-	-	-	-	28
BioSystems	-	-	-	-	-	-	-	-	1
Omega Diagnostics	-	-	-	-	-	-	-	-	1
Plasmatec	-	-	-	-	-	-	-	-	3
SPINREACT	-	-	-	-	-	-	-	-	1
Wiener Lab	1	1	-	-	-	-	-	-	20

Specimen SY-13

ALL METHODS	-	3	15	10	1	-	-	-	1
BioSystems	-	-	-	1	-	-	-	-	-
Omega Diagnostics	-	-	-	1	-	-	-	-	-
Plasmatec	-	-	3	-	-	-	-	-	-
SPINREACT	-	-	1	-	-	-	-	-	-
Wiener Lab	-	3	10	8	-	-	-	-	1

Syphilis Serology—Quantitative: VDRL Slide Titer

<u>Specimen/Method</u>	<u>0 dils</u>	<u>1 dil</u>	<u>2 dils</u>	<u>4 dils</u>	<u>8 dils</u>	<u>16 dils</u>	<u>32 dils</u>	<u>>32 dils</u>	<u>N/A</u> <u>(Neg)</u>
------------------------	---------------	--------------	---------------	---------------	---------------	----------------	----------------	--------------------	----------------------------

Specimen SY-14

ALL METHODS	1	-	-	-	-	-	-	-	29
BioSystems	-	-	-	-	-	-	-	-	1
Omega Diagnostics	-	-	-	-	-	-	-	-	1
Plasmatec	-	-	-	-	-	-	-	-	3
SPINREACT	-	-	-	-	-	-	-	-	1
Wiener Lab	1	-	-	-	-	-	-	-	21

Specimen SY-15

ALL METHODS	1	4	15	8	-	1	1	-	-
BioSystems	-	-	1	-	-	-	-	-	-
Omega Diagnostics	-	-	-	-	-	1	-	-	-
Plasmatec	-	1	2	-	-	-	-	-	-
SPINREACT	-	-	-	1	-	-	-	-	-
Wiener Lab	1	3	11	7	-	-	-	-	-

Syphilis Serology—Qualitative: MHA-TP

<u>Method</u>	Specimen SY-11		Specimen SY-12		Specimen SY-13	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	20	-	-	19	20	-
Abbott Architect	4	-	-	3	4	-
Human	2	-	-	2	2	-
Omega Diagnostics	2	-	-	2	2	-
Plasmatec	3	-	-	3	3	-
Serodia	2	-	-	2	2	-
SPINREACT	2	-	-	2	2	-

	Specimen SY-14		Specimen SY-15	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	-	19	20	-
Abbott Architect	-	3	4	-
Human	-	2	2	-
Omega Diagnostics	-	2	2	-
Plasmatec	-	3	3	-
Serodia	-	2	2	-
SPINREACT	-	2	2	-

Syphilis Serology—Qualitative: *Treponema pallidum* Antibodies

<u>Method</u>	Specimen SY-11		Specimen SY-12		Specimen SY-13	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	43	-	-	43	43	-
Abbott Architect	5	-	-	5	5	-
bioMerieux	1	-	-	1	1	-
Human	2	-	-	2	2	-
Omega Diagnostics	3	-	-	3	3	-
Plasmatec	5	-	-	5	5	-
Roche cobas 6000 / c 501	1	-	-	1	1	-
Roche cobas e 411	1	-	-	1	1	-
Serodia	12	-	-	12	12	-
Siemens ADVIA Centaur	1	-	-	1	1	-
Standard Diagnostics	1	-	-	1	1	-

	Specimen SY-14		Specimen SY-15	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	-	43	43	-
Abbott Architect	-	5	5	-
bioMerieux	-	1	1	-
Human	-	2	2	-
Omega Diagnostics	-	3	3	-
Plasmatec	-	5	5	-
Roche cobas 6000 / c 501	-	1	1	-
Roche cobas e 411	-	1	1	-
Serodia	-	12	12	-
Siemens ADVIA Centaur	-	1	1	-
Standard Diagnostics	-	1	1	-

Syphilis Serology—Qualitative: RPR

<u>Method</u>	Specimen SY-11		Specimen SY-12		Specimen SY-13	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	106	1	2	105	107	-
Abbott Architect	2	-	-	2	2	-
ASI	3	-	-	3	3	-
Becton Dickinson	3	-	-	3	3	-
bioMerieux	7	-	1	6	7	-
BioSystems	10	-	-	10	10	-
Fisher HealthCare Sure-Vue	2	-	-	2	2	-
Human	13	-	1	12	13	-
Omega Diagnostics	17	-	-	17	17	-
Plasmatec	15	1	-	16	16	-
Pulse Scientific	1	-	-	1	1	-
Siemens ADVIA Centaur	1	-	-	1	1	-
SPINREACT	19	-	-	19	19	-
Standard Diagnostics	3	-	-	3	3	-
Wiener Lab	1	-	-	1	1	-

	Specimen SY-14		Specimen SY-15	
	<u>Reactive</u>	<u>Non-Reactive</u>	<u>Reactive</u>	<u>Non-Reactive</u>
ALL METHODS	1	106	105	2
Abbott Architect	-	2	2	-
ASI	-	3	3	-
Becton Dickinson	-	3	3	-
bioMerieux	-	7	6	1
BioSystems	-	10	10	-
Fisher HealthCare Sure-Vue	-	2	2	-
Human	-	13	13	-
Omega Diagnostics	1	16	17	-
Plasmatec	-	16	15	1
Pulse Scientific	-	1	1	-
Siemens ADVIA Centaur	-	1	1	-
SPINREACT	-	19	19	-
Standard Diagnostics	-	3	3	-
Wiener Lab	-	1	1	-

Syphilis Serology—Quantitative: RPR (Titer)

<u>Specimen/Method</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>8</u>	<u>16</u>	<u>32</u>	<u>64</u>	<u>>64</u>	<u>N/A</u> <u>(Neg)</u>
------------------------	----------	----------	----------	----------	-----------	-----------	-----------	---------------	----------------------------

Specimen SY-11

ALL METHODS	13	40	15	4	1	2	-	1	1
Becton Dickinson	-	1	-	-	-	-	-	-	-
bioMerieux	2	1	-	1	1	-	-	-	-
BioSystems	2	5	1	1	-	-	-	-	-
Human	3	2	4	1	-	-	-	-	-
Omega Diagnostics	1	7	3	-	-	-	-	1	1
Plasmatec	2	9	1	-	-	-	-	-	-
Pulse Scientific	-	-	1	-	-	-	-	-	-
SPINREACT	2	11	3	1	-	1	-	-	-
Wiener Lab	-	-	1	-	-	-	-	-	-

Specimen SY-12

ALL METHODS	1	1	-	-	-	-	-	-	73
Becton Dickinson	-	-	-	-	-	-	-	-	1
bioMerieux	-	-	-	-	-	-	-	-	5
BioSystems	-	-	-	-	-	-	-	-	9
Human	1	1	-	-	-	-	-	-	8
Omega Diagnostics	-	-	-	-	-	-	-	-	13
Plasmatec	-	-	-	-	-	-	-	-	12
Pulse Scientific	-	-	-	-	-	-	-	-	1
SPINREACT	-	-	-	-	-	-	-	-	18
Wiener Lab	-	-	-	-	-	-	-	-	1

Syphilis Serology—Quantitative: RPR (Titer) cont'd

<u>Specimen/Method</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>8</u>	<u>16</u>	<u>32</u>	<u>64</u>	<u>>64</u>	<u>N/A</u> <u>(Neg)</u>
------------------------	----------	----------	----------	----------	-----------	-----------	-----------	---------------	----------------------------

Specimen SY-13

ALL METHODS	12	36	17	8	1	-	-	1	1
Becton Dickinson	-	1	-	-	-	-	-	-	-
bioMerieux	-	3	-	1	1	-	-	-	-
BioSystems	-	5	4	-	-	-	-	-	-
Human	3	4	1	2	-	-	-	-	-
Omega Diagnostics	2	5	4	-	-	-	-	1	1
Plasmatec	2	9	1	-	-	-	-	-	-
Pulse Scientific	-	-	-	1	-	-	-	-	-
SPINREACT	4	6	5	3	-	-	-	-	-
Wiener Lab	-	-	1	-	-	-	-	-	-

Specimen SY-14

ALL METHODS	1	-	-	-	-	-	-	-	74
Becton Dickinson	-	-	-	-	-	-	-	-	1
bioMerieux	-	-	-	-	-	-	-	-	5
BioSystems	-	-	-	-	-	-	-	-	9
Human	1	-	-	-	-	-	-	-	9
Omega Diagnostics	-	-	-	-	-	-	-	-	13
Plasmatec	-	-	-	-	-	-	-	-	12
Pulse Scientific	-	-	-	-	-	-	-	-	1
SPINREACT	-	-	-	-	-	-	-	-	18
Wiener Lab	-	-	-	-	-	-	-	-	1

Syphilis Serology—Quantitative: RPR (Titer) cont'd

<u>Specimen/Method</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>8</u>	<u>16</u>	<u>32</u>	<u>64</u>	<u>>64</u>	<u>N/A (Neg)</u>
Specimen SY-15									
ALL METHODS	13	42	14	4	-	1	-	1	1
Becton Dickinson	-	1	-	-	-	-	-	-	-
bioMerieux	2	1	1	1	-	-	-	-	-
BioSystems	1	7	1	-	-	-	-	-	-
Human	2	4	3	1	-	-	-	-	-
Omega Diagnostics	-	8	3	-	-	-	-	1	1
Plasmatec	4	8	-	-	-	-	-	-	-
Pulse Scientific	-	-	1	-	-	-	-	-	-
SPINREACT	3	8	5	1	-	1	-	-	-
Wiener Lab	-	1	-	-	-	-	-	-	-

Viral Markers – Anti-HBc (IgM)

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	38	25	1	1	63	-	-	64	-
Abbott Architect	24	1	-	-	25	-	-	25	-
Beckman ACCESS / 2 / Dxl	2	-	-	-	2	-	-	2	-
bioMerieux Vidas, Mini Vidas	3	-	-	-	3	-	-	3	-
Roche cobas 6000 / e 601	-	14	-	-	14	-	-	14	-
Roche cobas e 411	1	3	-	-	4	-	-	4	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-	-	1	-
Roche Modular Analytics	-	1	-	-	1	-	-	1	-
Siemens ADVIA Centaur	5	1	-	1	5	-	-	6	-
VITROS 3600/4600/5600	-	-	1	-	1	-	-	1	-
VITROS ECI	-	2	-	-	2	-	-	2	-

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	-	64	-	-	64	-
Abbott Architect	-	25	-	-	25	-
Beckman ACCESS / 2 / Dxl	-	2	-	-	2	-
bioMerieux Vidas, Mini Vidas	-	3	-	-	3	-
Roche cobas 6000 / e 601	-	14	-	-	14	-
Roche cobas e 411	-	4	-	-	4	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-
Roche Modular Analytics	-	1	-	-	1	-
Siemens ADVIA Centaur	-	6	-	-	6	-
VITROS 3600/4600/5600	-	1	-	-	1	-
VITROS ECI	-	2	-	-	2	-

Viral Markers – Anti-HBc (Total / IgG)

Specimen VM-11				Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	84	5	-	3	86	-	2	87	-
Abbott Architect	41	2	-	2	41	-	2	41	-
Abbott Architect - Total	1	-	-	-	1	-	-	1	-
Beckman ACCESS / 2 / Dxl	3	-	-	-	3	-	-	3	-
Bio-Rad Evolis	1	-	-	-	1	-	-	1	-
bioMerieux Vidas, Mini Vidas	2	-	-	-	2	-	-	2	-
DiaSorin	1	-	-	-	1	-	-	1	-
Roche cobas 6000 / e 601	14	-	-	-	14	-	-	14	-
Roche cobas e 411	7	-	-	-	7	-	-	7	-
Roche Modular Analytics	3	-	-	-	3	-	-	3	-
Siemens ADVIA Centaur	5	1	-	1	5	-	-	6	-
VITROS 3600/4600/5600	2	-	-	-	2	-	-	2	-
VITROS ECI	2	-	-	-	2	-	-	2	-

Specimen VM-14				Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	87	2	-	32	57	-
Abbott Architect	42	1	-	5	38	-
Abbott Architect - Total	1	-	-	-	1	-
Beckman ACCESS / 2 / Dxl	3	-	-	3	-	-
Bio-Rad Evolis	1	-	-	1	-	-
bioMerieux Vidas, Mini Vidas	2	-	-	-	2	-
DiaSorin	1	-	-	-	1	-
Roche cobas 6000 / e 601	14	-	-	11	3	-
Roche cobas e 411	7	-	-	6	1	-
Roche Modular Analytics	3	-	-	2	1	-
Siemens ADVIA Centaur	6	-	-	2	4	-
VITROS 3600/4600/5600	2	-	-	-	2	-
VITROS ECI	2	-	-	-	2	-

Viral Markers – Anti-HIV

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	3	211	-	1	211	2	213	1	-
Abbott Architect	1	63	-	-	64	-	64	-	-
Abbott Architect - Total	-	1	-	-	1	-	1	-	-
Acon Laboratories	-	1	-	-	1	-	1	-	-
Alere Determine HIV 1/2									
Ag/Ab Combo	-	1	-	-	1	-	1	-	-
Beckman ACCESS / 2 / Dxl	-	5	-	1	4	-	5	-	-
Bio-Rad Evolis	-	1	-	-	1	-	1	-	-
bioMerieux Vidas, Mini									
Vidas	-	10	-	-	10	-	10	-	-
DiaSorin	-	1	-	-	1	-	1	-	-
Human	-	1	-	-	1	-	1	-	-
Roche cobas 6000 / e 601	-	42	-	-	42	-	42	-	-
Roche cobas e 411	1	22	-	-	21	2	23	-	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-	1	-	-
Roche Modular Analytics	-	5	-	-	5	-	5	-	-
Siemens ADVIA Centaur	1	24	-	-	25	-	24	1	-
Standard Diagnostics	-	2	-	-	2	-	2	-	-
VITROS 3600/4600/5600	-	4	-	-	4	-	4	-	-
VITROS ECI	-	9	-	-	9	-	9	-	-

Viral Markers – Anti-HIV- cont'd

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	5	209	-	2	212	-
Abbott Architect	-	64	-	-	64	-
Abbott Architect - Total	-	1	-	-	1	-
Acon Laboratories	-	1	-	-	1	-
Alere Determine HIV 1/2						
Ag/Ab Combo	-	1	-	-	1	-
Beckman ACCESS / 2 / DxI	-	5	-	-	5	-
Bio-Rad Evolis	-	1	-	-	1	-
bioMerieux Vidas, Mini						
Vidas	1	9	-	-	10	-
DiaSorin	1	-	-	-	1	-
Human	-	1	-	-	1	-
Roche cobas 6000 / e 601	-	42	-	-	42	-
Roche cobas e 411	2	21	-	2	21	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-
Roche Modular Analytics	-	5	-	-	5	-
Siemens ADVIA Centaur	1	24	-	-	25	-
Standard Diagnostics	-	2	-	-	2	-
VITROS 3600/4600/5600	-	4	-	-	4	-
VITROS ECI	-	9	-	-	9	-

Viral Markers – Anti-HAV (IgM)

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	1	83	-	-	84	-	-	84	-
Abbott Architect	1	29	-	-	30	-	-	30	-
Beckman ACCESS / 2 / Dxl	-	1	-	-	1	-	-	1	-
bioMerieux Vidas, Mini Vidas	-	5	-	-	5	-	-	5	-
Roche cobas 6000 / e 601	-	19	-	-	19	-	-	19	-
Roche cobas e 411	-	6	-	-	6	-	-	6	-
Roche Modular Analytics	-	3	-	-	3	-	-	3	-
Siemens ADVIA Centaur	-	9	-	-	9	-	-	9	-
Standard Diagnostics	-	1	-	-	1	-	-	1	-
VITROS 3600/4600/5600	-	1	-	-	1	-	-	1	-
VITROS ECI	-	4	-	-	4	-	-	4	-

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	-	84	-	-	84	-
Abbott Architect	-	30	-	-	30	-
Beckman ACCESS / 2 / Dxl	-	1	-	-	1	-
bioMerieux Vidas, Mini Vidas	-	5	-	-	5	-
Roche cobas 6000 / e 601	-	19	-	-	19	-
Roche cobas e 411	-	6	-	-	6	-
Roche Modular Analytics	-	3	-	-	3	-
Siemens ADVIA Centaur	-	9	-	-	9	-
Standard Diagnostics	-	1	-	-	1	-
VITROS 3600/4600/5600	-	1	-	-	1	-
VITROS ECI	-	4	-	-	4	-

Viral Markers – Anti-HAV (Total/IgG)

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	6	71	-	76	1	-	77	-	-
Abbott Architect	2	28	-	30	-	-	30	-	-
Beckman ACCESS / 2 / Dxl	-	1	-	1	-	-	1	-	-
bioMerieux Vidas, Mini									
Vidas	-	5	-	5	-	-	5	-	-
Roche cobas 6000 / e 601	2	12	-	14	-	-	14	-	-
Roche cobas e 411	-	7	-	7	-	-	7	-	-
Roche Elecsys 1010 / 2010	-	2	-	2	-	-	2	-	-
Roche Modular Analytics	-	2	-	2	-	-	2	-	-
Siemens ADVIA Centaur	1	7	-	7	1	-	8	-	-
VITROS ECI	-	2	-	2	-	-	2	-	-

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	76	1	-	2	75	-
Abbott Architect	30	-	-	1	29	-
Beckman ACCESS / 2 / Dxl	1	-	-	-	1	-
bioMerieux Vidas, Mini						
Vidas	5	-	-	-	5	-
Roche cobas 6000 / e 601	14	-	-	1	13	-
Roche cobas e 411	7	-	-	-	7	-
Roche Elecsys 1010 / 2010	2	-	-	-	2	-
Roche Modular Analytics	2	-	-	-	2	-
Siemens ADVIA Centaur	8	-	-	-	8	-
VITROS ECI	2	-	-	-	2	-

Viral Markers – HBeAg

Specimen VM-11				Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	-	51	-	-	51	-	1	50	-
Abbott Architect	-	21	-	-	21	-	1	20	-
bioMerieux Vidas, Mini Vidas	-	3	-	-	3	-	-	3	-
DiaSorin	-	1	-	-	1	-	-	1	-
Roche cobas 6000 / e 601	-	13	-	-	13	-	-	13	-
Roche cobas e 411	-	2	-	-	2	-	-	2	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-	-	1	-
Roche Modular Analytics	-	2	-	-	2	-	-	2	-
Siemens ADVIA Centaur	-	4	-	-	4	-	-	4	-

Specimen VM-14				Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	6	45	-	-	51	-
Abbott Architect	-	21	-	-	21	-
bioMerieux Vidas, Mini Vidas	-	3	-	-	3	-
DiaSorin	1	-	-	-	1	-
Roche cobas 6000 / e 601	-	13	-	-	13	-
Roche cobas e 411	-	2	-	-	2	-
Roche Elecsys 1010 / 2010	-	1	-	-	1	-
Roche Modular Analytics	-	2	-	-	2	-
Siemens ADVIA Centaur	4	-	-	-	4	-

Viral Markers – Anti-HBs

Specimen VM-11				Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	4	146	-	147	3	-	149	1	-
Abbott Architect	1	45	-	46	-	-	46	-	-
Beckman ACCESS / 2 / Dxl	-	3	-	3	-	-	3	-	-
bioMerieux Vidas, Mini	-	6	-	6	-	-	6	-	-
Roche cobas 6000 / e 601	2	36	-	37	1	-	37	1	-
Roche cobas e 411	-	15	-	15	-	-	15	-	-
Roche Elecsys 1010 / 2010	-	2	-	2	-	-	2	-	-
Roche Modular Analytics	-	3	-	3	-	-	3	-	-
Siemens ADVIA Centaur	1	18	-	17	2	-	19	-	-
VITROS 3600/4600/5600	-	4	-	4	-	-	4	-	-
VITROS ECI	-	4	-	4	-	-	4	-	-

Specimen VM-14				Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	3	147	-	85	62	3
Abbott Architect	-	46	-	17	28	1
Beckman ACCESS / 2 / Dxl	-	3	-	3	-	-
bioMerieux Vidas, Mini	-	6	-	5	1	-
Roche cobas 6000 / e 601	2	36	-	23	15	-
Roche cobas e 411	-	15	-	14	1	-
Roche Elecsys 1010 / 2010	-	2	-	2	-	-
Roche Modular Analytics	-	3	-	2	1	-
Siemens ADVIA Centaur	1	18	-	5	13	1
VITROS 3600/4600/5600	-	4	-	4	-	-
VITROS ECI	-	4	-	4	-	-

Viral Markers – HBsAg

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	187	21	2	12	198	-	2	208	-
Abbott Architect	64	-	-	-	64	-	-	64	-
Abbott Architect - Total	1	-	-	-	1	-	-	1	-
Beckman ACCESS / 2 / Dxl	4	1	-	-	5	-	-	5	-
Bio-Rad Evolis	1	-	-	-	1	-	-	1	-
bioMerieux Vidas, Mini Vidas	6	-	-	-	6	-	-	6	-
DiaSorin	1	-	-	-	1	-	-	1	-
Human	-	1	-	-	1	-	-	1	-
Roche cobas 6000 / e 601	41	-	-	-	41	-	1	40	-
Roche cobas e 411	22	2	-	-	24	-	-	24	-
Roche Elecsys 1010 / 2010	1	-	-	-	1	-	-	1	-
Roche Modular Analytics	4	-	-	1	3	-	-	4	-
Siemens ADVIA Centaur	19	2	2	2	21	-	1	22	-
Standard Diagnostics	-	1	-	-	1	-	-	1	-
VITROS 3600/4600/5600	5	-	-	4	1	-	-	5	-
VITROS Eci	10	1	-	4	7	-	-	11	-

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	209	1	-	177	24	9
Abbott Architect	64	-	-	63	-	1
Abbott Architect - Total	1	-	-	1	-	-
Beckman ACCESS / 2 / Dxl	5	-	-	4	1	-
Bio-Rad Evolis	1	-	-	1	-	-
bioMerieux Vidas, Mini Vidas	6	-	-	6	-	-
DiaSorin	1	-	-	1	-	-
Human	1	-	-	-	1	-
Roche cobas 6000 / e 601	41	-	-	37	2	2
Roche cobas e 411	24	-	-	21	2	1
Roche Elecsys 1010 / 2010	1	-	-	1	-	-
Roche Modular Analytics	4	-	-	3	-	1
Siemens ADVIA Centaur	22	1	-	19	1	3
Standard Diagnostics	1	-	-	-	1	-
VITROS 3600/4600/5600	5	-	-	5	-	-
VITROS Eci	11	-	-	8	2	1

Viral Markers – Anti-HCV

	Specimen VM-11			Specimen VM-12			Specimen VM-13		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	-	191	-	1	190	-	2	189	-
Abbott Architect	-	61	-	-	61	-	-	61	-
Abbott Architect - Total	-	1	-	-	1	-	-	1	-
Beckman ACCESS / 2 / DxI	-	4	-	-	4	-	-	4	-
Bio-Rad Evolis	-	1	-	-	1	-	-	1	-
bioMerieux Vidas, Mini Vidas	-	7	-	-	7	-	-	7	-
DiaSorin	-	1	-	-	1	-	-	1	-
Roche cobas 6000 / e 601	-	33	-	-	33	-	-	33	-
Roche cobas e 411	-	18	-	1	17	-	1	17	-
Roche Elecsys 1010 / 2010	-	2	-	-	2	-	-	2	-
Roche Modular Analytics	-	3	-	-	3	-	-	3	-
Siemens ADVIA Centaur	-	22	-	-	22	-	-	22	-
Standard Diagnostics	-	3	-	-	3	-	-	3	-
VITROS 3600/4600/5600	-	4	-	-	4	-	-	4	-
VITROS ECI	-	9	-	-	9	-	-	9	-

	Specimen VM-14			Specimen VM-15		
<u>Method</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>	<u>Positive</u>	<u>Negative</u>	<u>Equivocal</u>
ALL METHODS	-	191	-	191	-	-
Abbott Architect	-	61	-	61	-	-
Abbott Architect - Total	-	1	-	1	-	-
Beckman ACCESS / 2 / DxI	-	4	-	4	-	-
Bio-Rad Evolis	-	1	-	1	-	-
bioMerieux Vidas, Mini Vidas	-	7	-	7	-	-
DiaSorin	-	1	-	1	-	-
Roche cobas 6000 / e 601	-	33	-	33	-	-
Roche cobas e 411	-	18	-	18	-	-
Roche Elecsys 1010 / 2010	-	2	-	2	-	-
Roche Modular Analytics	-	3	-	3	-	-
Siemens ADVIA Centaur	-	22	-	22	-	-
Standard Diagnostics	-	3	-	3	-	-
VITROS 3600/4600/5600	-	4	-	4	-	-
VITROS ECI	-	9	-	9	-	-

Toxoplasma gondii Antibody (IgG) - Qualitative

<u>Method</u>	Specimen TOX-5		Specimen TOX-6	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	23	23	-
Abbott Architect	-	13	13	-
Beckman ACCESS / 2 / Dxl	-	1	1	-
bioMerieux Vidas, Mini Vidas	-	2	2	-
Roche cobas 6000 / e 601	-	3	3	-
Roche cobas e 411	-	2	2	-
VITROS ECI	-	1	1	-

Toxoplasma gondii Antibody (IgG) —Quantitative (IU/mL)

<u>Specimen/Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
Specimen TOX-5						
All Method	26	0.369	0.286	77.5	0.40	0.00 - 0.95
Abbott Architect	14	0.421	0.112	26.6	0.40	0.19 - 0.65
Roche cobas 6000 / e 601	4	0.130	0.001	0.0	0.13	0.12 - 0.14
Specimen TOX-6						
All Method	23	526.117	286.203	54.4	650.00	0.00 - 1098.53
Abbott Architect	14	495.621	355.294	71.7	200.00	0.00 - 1206.22
Roche cobas 6000 / e 601	3	650.000	0.001	0.0	650.00	649.99 - 650.01

Toxoplasma gondii Antibody (IgM) - Qualitative

<u>Method</u>	Specimen TOX-5		Specimen TOX-6	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	26	26	-
Abbott Architect	-	12	12	-
Beckman ACCESS / 2 / Dxl	-	1	1	-
bioMerieux Vidas, Mini Vidas	-	2	2	-
Roche cobas 6000 / e 601	-	5	5	-
Roche cobas e 411	-	2	2	-
VITROS ECI	-	2	2	-

Toxoplasma gondii Antibody (IgM) —Quantitative (IU/mL)

<u>Specimen/Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
Specimen TOX-5						
All Method	19	0.289	0.132	45.6	0.25	0.02 - 0.56
Abbott Architect	9	0.386	0.103	26.7	0.38	0.17 - 0.60
Roche cobas 6000 / e 601	4	0.225	0.025	11.2	0.23	0.17 - 0.28
Specimen TOX-6						
All Method	18	3.473	1.390	40.0	2.96	0.69 - 6.26
Abbott Architect	9	2.589	0.785	30.3	2.81	1.01 - 4.16
Roche cobas 6000 / e 601	4	5.103	0.528	10.4	5.24	4.04 - 6.16

Cytomegalovirus (CMV) Antibodies (IgG) - Qualitative

<u>Method</u>	<u>Specimen CMV-5</u>		<u>Specimen CMV-6</u>	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	19	1	15	5
Abbott Architect	13	-	13	-
Beckman ACCESS / 2 / Dxl	1	-	-	1
bioMerieux Vidas, Mini Vidas	-	1	1	-
Roche cobas 6000 / e 601	2	-	-	2
Roche cobas e 411	1	-	-	1
Siemens Immulite 2000	1	-	1	-
VITROS ECI	1	-	-	1

Cytomegalovirus (CMV) Antibodies (IgG) —Quantitative (U/mL)

<u>Specimen/Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
Specimen CMV-5						
All Method	20	42.801	8.136	19.0	43.26	26.52 - 59.08
Abbott Architect	11	43.709	8.585	19.6	43.70	26.53 - 60.88
Specimen CMV-6						
All Method	21	8.028	7.013	87.4	10.50	0.00 - 22.06
Abbott Architect	11	14.164	2.985	21.1	13.60	8.19 - 20.14

Cytomegalovirus (CMV) Antibodies (IgM) - Qualitative

<u>Method</u>	<u>Specimen CMV-5</u>		<u>Specimen CMV-6</u>	
	<u>Positive</u>	<u>Negative</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	-	22	16	6
Abbott Architect	-	12	12	-
Beckman ACCESS / 2 / Dxl	-	1	1	-
bioMerieux Vidas, Mini Vidas	-	1	1	-
Roche cobas 6000 / e 601	-	4	-	4
Roche cobas e 411	-	1	-	1
Siemens Immulite 2000	-	1	1	-
VITROS ECI	-	1	1	-

Cytomegalovirus (CMV) Antibodies (IgM) —Quantitative (U/mL)

<u>Specimen/Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
Specimen CMV-5						
All Method	15	0.173	0.090	51.8	0.17	0.00 - 0.36
Abbott Architect	7	0.161	0.030	18.4	0.15	0.10 - 0.23
Specimen CMV-6						
All Method	15	2.285	1.294	56.6	3.22	0.00 - 4.88
Abbott Architect	7	3.370	0.114	3.4	3.37	3.14 - 3.60

CK-MB - Quantitative (U/L)

<u>Specimen/Method</u>	<u>Labs</u>	<u>Mean</u>	<u>SD</u>	<u>CV</u>	<u>Median</u>	<u>Range</u>
Specimen CK-11						
All Method	9	97.26	16.75	17.2	90.1	47.0 - 147.5
Roche cobas 6000 / c 501	6	88.92	2.35	2.6	89.0	81.8 - 96.0
Specimen CK-12						
All Method	9	17.94	2.33	13.0	17.0	10.9 - 25.0
Roche cobas 6000 / c 501	6	16.83	0.48	2.9	17.0	15.3 - 18.3
Specimen CK-13						
All Method	9	28.73	3.71	12.9	27.5	17.6 - 39.9
Roche cobas 6000 / c 501	6	27.03	0.81	3.0	27.1	24.6 - 29.5
Specimen CK-14						
All Method	10	54.62	11.72	21.5	47.8	19.4 - 89.8
Roche cobas 6000 / c 501	6	47.50	0.67	1.4	47.5	45.4 - 49.6
Specimen CK-15						
All Method	9	6.90	0.91	13.1	7.0	4.1 - 9.7
Roche cobas 6000 / c 501	6	7.05	0.61	8.6	7.0	5.2 - 8.9

Medical Laboratory Evaluation
25 Massachusetts Ave NW Ste 700
Washington, DC 20001-7401
800-338-2746 • 202-261-4500 • Fax: 202-835-0440
www.acponline.org/mle