

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

2 • 0 • 1 • 6

Microbiology
2016 MLE-M3



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

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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. If participant consensus is not reached, CMS requirements call for grading by referee consensus. A minimum percentage of participants or referee laboratories must receive a passing score or the challenge is not evaluated due to lack of consensus. These percentages are listed below.

Affirm VP III Candida Antigen Detection	80% Consensus	Influenza A Antigen Detection	80% Consensus
Affirm VP III Gardnerella Ag Detection	80% Consensus	Influenza A/B Antigen Detection	80% Consensus
Affirm VP III Trichomonas Ag Detection	80% Consensus	Influenza B Antigen Detection	80% Consensus
Antimicrobial Susceptibility Testing	80% Consensus	Legionella Antigen Detection	80% Consensus
Bacterial Identification	80% Consensus	Parasite Identification	80% Consensus
C. difficile Toxin/Antigen Detection	80% Consensus	Rotavirus Antigen Detection	80% Consensus
Chlamydia (EIA, DNA)	80% Consensus	RSV Antigen Detection	80% Consensus
Colony Count	80% Consensus	Strep A Antigen Detection	80% Consensus
Cryptosporidium Antigen Detection	80% Consensus	Streptococcus pneumoniae Antigen Detection	80% Consensus
Dermatophyte Screen	80% Consensus	Urine Presumptive Identification	80% Consensus
GC (EIA, DNA)	80% Consensus		
Giardia lamblia Antigen Detection	80% Consensus		
Gram Stain	80% Consensus		
Gram Stain Morphology	80% Consensus		

THROAT CULTURE

Specimen TC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	70	51.09%	Acceptable
Presump. Pos. Group A Strep	47	34.31%	Acceptable
Streptococcus pyogenes	17	12.41%	Acceptable

Organism(s) present: *Streptococcus pyogenes* and *Streptococcus viridans*.

Specimen TC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	112	80.58%	Acceptable
Pseudomonas aeruginosa	22	15.83%	Acceptable

Organism(s) present: *Pseudomonas aeruginosa*.

Specimen TC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	41	53.25%	Acceptable
Presump. Pos. Group A Strep	34	44.16%	Acceptable

Organism(s) present: *Streptococcus pyogenes*.

Specimen TC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	69	95.83%	Acceptable

Organism(s) present: *Haemophilus influenzae* and *Streptococcus viridans*.

Specimen TC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	70	97.22%	Acceptable
No growth (sterile)	1	1.39%	Acceptable

Organism(s) present: No organism present.

STREP A ANTIGEN DETECTION

Specimen RS-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	547	520	27
Abbott Signify Strep A-waived	3	3	-
Alere Acceava Strep A Test	10	10	-
Alere Signify Strep A Dipstick	1	1	-
BD Chek Strep A	4	4	-
BD Veritor - waived	12	12	-
Beckman Coulter ICON DS	2	2	-
Beckman Coulter ICON SC	2	1	1
Binax NOW Strep A	2	2	-
Cardinal Health Strep A - waived	7	7	-
Consult Diagnostic Strep A - Moderate	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	88	80	8
Fisher HealthCare Sure-Vue - waived	1	1	-
Germaine Laboratories StrepAim	3	3	-
Henry Schein One Step	1	-	1
Henry Schein One Step+ - waived	49	40	9
Immunostics Detector Strep A Direct	1	1	-
McKesson Strep A Dipstick	14	14	-
Other Waived Method	36	34	2
Polymedco Poly Stat Strep A - waived	4	4	-
PSS Select Diag. Strep A Dipstick - waived	1	1	-
Quidel QuickVue Dipstick Strep	72	71	1
Quidel QuickVue In-Line	54	50	4
Quidel QuickVue+	13	13	-
Quidel Sofia - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	10	10	-
Sekisui OSOM	90	90	-
Sekisui OSOM Ultra Strep A	58	57	1

STREP A ANTIGEN DETECTION

Specimen RS-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	541	5	536
Abbott Signify Strep A-waived	3	-	3
Alere Acceava Strep A Test	9	-	9
Alere Signify Strep A Dipstick	1	-	1
BD Chek Strep A	4	-	4
BD Veritor - waived	12	-	12
Beckman Coulter ICON DS	2	-	2
Beckman Coulter ICON SC	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - waived	7	-	7
Consult Diagnostic Strep A - Moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	87	-	87
Fisher HealthCare Sure-Vue - waived	1	-	1
Germaine Laboratories StrepAim	3	-	3
Henry Schein One Step	1	1	-
Henry Schein One Step+ - waived	49	1	48
Immunostics Detector Strep A Direct	1	-	1
McKesson Strep A Dipstick	13	-	13
Other Waived Method	35	-	35
Polymedco Poly Stat Strep A - waived	5	-	5
PSS Select Diag. Strep A Dipstick - waived	1	-	1
Quidel QuickVue Dipstick Strep	71	1	70
Quidel QuickVue In-Line	54	2	52
Quidel QuickVue+	12	-	12
Quidel Sofia - waived	1	-	1
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	10	-	10
Sekisui OSOM	90	-	90
Sekisui OSOM Ultra Strep A	58	-	58

Specimen RS-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	86	86	-
Alere Acceava Strep A Test	3	3	-
BD Chek Strep A	2	2	-
BD Veritor - waived	8	8	-
Beckman Coulter ICON DS	1	1	-
Binax NOW Strep A	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	14	14	-
Henry Schein One Step+ - waived	3	3	-
McKesson Strep A Dipstick	4	4	-
Other Waived Method	1	1	-
Quidel QuickVue Dipstick Strep	8	8	-
Quidel QuickVue In-Line	18	18	-
Quidel QuickVue+	7	7	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	3	3	-
Sekisui OSOM	1	1	-
Sekisui OSOM Ultra Strep A	9	9	-

STREP A ANTIGEN DETECTION

Specimen RS-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	80	78	2
Alere Acceava Strep A Test	3	3	-
BD Chek Strep A	2	1	1
BD Veritor - waived	8	8	-
Beckman Coulter ICON DS	1	1	-
Binax NOW Strep A	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	13	13	-
Henry Schein One Step+ - waived	2	2	-
McKesson Strep A Dipstick	4	4	-
Other Waived Method	1	1	-
Quidel QuickVue Dipstick Strep	8	8	-
Quidel QuickVue In-Line	17	17	-
Quidel QuickVue+	7	6	1
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	3	3	-
Sekisui OSOM	1	1	-
Sekisui OSOM Ultra Strep A	6	6	-

Specimen RS-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	79	-	79
Alere Acceava Strep A Test	3	-	3
BD Chek Strep A	2	-	2
BD Veritor - waived	8	-	8
Beckman Coulter ICON DS	1	-	1
Binax NOW Strep A	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	13	-	13
Henry Schein One Step+ - waived	1	-	1
McKesson Strep A Dipstick	4	-	4
Other Waived Method	1	-	1
Quidel QuickVue Dipstick Strep	8	-	8
Quidel QuickVue In-Line	17	-	17
Quidel QuickVue+	7	-	7
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	3	-	3
Sekisui OSOM	1	-	1
Sekisui OSOM Ultra Strep A	6	-	6

GENERAL BACTERIOLOGY

Specimen BA-7 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus sp.	4	57.14%	Acceptable
Staphylococcus epidermidis	2	28.57%	Acceptable
Staph – coagulase negative	1	14.29%	Acceptable

Organism(s) present: *Staphylococcus epidermidis*.

Specimen BA-8 – Respiratory Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus pneumoniae	8	57.14%	Acceptable
Corynebacterium sp.	5	35.71%	Acceptable
Gram positive bacilli	1	7.14%	Acceptable

Organism(s) present: *Streptococcus pneumoniae* and *Corynebacterium sp.*

Specimen BA-9 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pseudomonas aeruginosa	8	57.14%	Acceptable
Anaerobic cultures not performed	4	28.57%	Acceptable
Anaerobe present – would refer	1	7.14%	Acceptable

Organism(s) present: *Pseudomonas aeruginosa* and *Bacteroides fragilis*.

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

Specimen MSA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	5	100%	Acceptable

Organism(s) present: *Streptococcus pneumoniae* and *Neisseria sicca*.

Specimen MSA-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	5	100%	Acceptable

Organism(s) present: *Staphylococcus aureus* – Methicillin resistant and *Streptococcus pyogenes*.

Specimen MSA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	5	100%	Acceptable

Organism(s) present: *Staphylococcus aureus* – Methicillin susceptible.

Specimen MSA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	5	100%	Acceptable

Organism(s) present: *Corynebacterium sp.* and *Neisseria sicca*.

Specimen MSA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	5	100%	Acceptable

Organism(s) present: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus epidermidis*.

URINE CULTURE

Specimen UC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Enterococcus sp.	38	53.52%	Acceptable
Growth, referred for identification	13	18.31%	Acceptable
Enterococcus (Strep) faecium	8	11.27%	Acceptable
Gram positive cocci	5	7.04%	Acceptable
Presump. Enterococcus sp.	4	5.63%	Acceptable
Streptococcus non-hemolytic	1	1.44%	Acceptable
Presump. Gram positive	1	1.44%	Acceptable

Gram Stain

Gram positive	38	100%	Acceptable
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Gram Stain Morphology

Cocci	37	100%	Acceptable
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Organism(s) present: *Enterococcus (Strep) faecium*.

Specimen UC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Citrobacter freundii	28	41.79%	Acceptable
Citrobacter sp.	14	20.90%	Acceptable
Growth, referred for identification	9	13.43%	Acceptable
Gram negative bacilli	6	8.96%	Acceptable
Corynebacterium sp.	5	7.46%	Acceptable
Presump. Gram negative	3	4.48%	Acceptable

Organism(s) present: *Citrobacter freundii* and *Corynebacterium sp.*

Specimen UC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	25	54.35%	Acceptable
Growth, referred for identification	10	21.74%	Acceptable
Gram negative bacilli	3	6.52%	Acceptable
Presump. Gram negative	2	4.35%	Acceptable
Presump. Escherichia coli	2	4.35%	Acceptable
Staph – coagulase negative	2	4.35%	Acceptable
Staphylococcus epidermidis	2	4.35%	Acceptable

Organism(s) present: *Escherichia coli* and *Staphylococcus epidermidis*.

URINE CULTURE

Specimen UC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus saprophyticus	8	44.44%	Acceptable
Growth, referred for identification	4	22.22%	Acceptable
Staph – coagulase negative	2	11.11%	Acceptable
Presump. Staphylococcus sp.	2	11.11%	Acceptable
Presump. Gram positive	1	5.56%	Acceptable

Organism(s) present: *Staphylococcus saprophyticus* and *Lactobacillus* sp.

Specimen UC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pseudomonas aeruginosa	9	50.00%	Acceptable
Pseudomonas sp.	3	16.67%	Acceptable
Growth, referred for identification	3	16.67%	Acceptable
Presump. Pseudomonas sp.	2	11.11%	Acceptable
Gram negative bacilli	1	5.56%	Acceptable

Organism(s) present: *Pseudomonas aeruginosa*.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-11, CC-11 (SUS-11) Organism(s) present: *Enterococcus faecium* – Vancomycin resistant.

<u>Antimicrobial</u>	-----Disk Diffusion-----				-----MIC-----				<u>Acceptable (%)</u>
	Interpretative category data				Interpretative category data				
	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	
Ampicillin	33	-	-	33	5	-	-	5	100.00%
Ceftriaxone	1	-	-	1	-	-	-	-	Inappropriate drug ¹
Ciprofloxacin	25	-	-	25	6	-	-	6	100.00%
Daptomycin	-	-	-	-	1	1	-	-	Not graded ²
Doxycycline	1	-	1	-	-	-	-	-	Not graded ²
Levofloxacin	18	-	-	18	6	-	-	6	100.00%
Linezolid	3	3	-	-	3	1	2	-	100.00%
Nitrofurantoin	28	-	-	28	6	-	-	6	100.00%
Penicillin	8	-	-	8	5	-	-	5	100.00%
Quinupristin/Dalfopristin	-	-	-	-	1	1	-	-	Not graded ²
Tetracycline	9	9	-	-	6	6	-	-	100.00%
Vancomycin	28	-	-	28	6	-	-	6	100.00%

NOTE: Please be aware that CLSI issues annual editions of M100, the supplement to the standards used by all proficiency testing programs for grading of susceptibilities. MLE has observed significant changes to which drugs are considered appropriate for various organisms with subsequent supplement editions. The current CLSI M100 document is accessible online at CLSI.org/m100.

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

² This is an ungraded challenge due to lack of comparison group.

GENITAL CULTURE

Specimen GC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	23	57.50%	Acceptable
Neisseria gonorrhoeae	12	30.00%	Acceptable
Gram negative diplococci	2	5.00%	Acceptable
Growth, referred for identification	2	5.00%	Acceptable

Gram Stain

Gram negative	24	100%	Acceptable
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Gram Stain Morphology

Diplococci	23	95.83%	Acceptable
Cocci	1	4.17%	

Organism(s) present: *Neisseria gonorrhoeae*.

Specimen GC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	12	92.31%	Acceptable
Gram positive cocci	1	7.69%	Acceptable

Organism(s) present: *Staphylococcus aureus*.

Specimen GC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	12	100%	Acceptable

Organism(s) present: *Streptococcus agalactiae* and *Lactobacillus casei*.

Specimen GC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	9	75.00%	Acceptable
Neisseria gonorrhoeae	3	25.00%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae*.

Specimen GC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	12	100%	Acceptable

Organism(s) present: No organism present.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-11

<u>Method</u>	<u>Labs</u>	<u>No growth</u>	<u><10,000 organisms/mL</u>	<u>10,000-100,000 organisms/mL</u>	<u>>100,000 organisms/mL</u>
ALL METHODS	69	3	8	16	42
Calibrated Loop	25	-	-	1	24
Uri-Check	9	1	2	-	6
Uricult	35	2	6	15	12

Identification–Specimen CC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	5	41.67%	Acceptable
Presump. Gram positive	4	33.33%	Acceptable
Presump. Enterococcus sp.	2	16.67%	Acceptable
Enterococcus (Strep) faecium	1	8.33%	Acceptable

Organism(s) present: >100,000 CFU/mL of *Enterococcus (Strep) faecium*.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-12

<u>Method</u>	<u>Labs</u>	<u>No growth</u>	<u><10,000 organisms/mL</u>	<u>10,000-100,000 organisms/mL</u>	<u>>100,000 organisms/mL</u>
ALL METHODS	69	10	47	12	-
Calibrated Loop	25	3	18	4	-
Uri-Check	9	-	5	4	-
Uricult	35	7	24	4	-

Identification–Specimen CC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	5	41.67%	Acceptable
Presump. Gram negative	5	41.67%	Acceptable
Citrobacter freundii	1	8.33%	Acceptable

Organism(s) present: >: 50,000 - 75,000 CFU/mL of *Citrobacter freundii* and <10,000 CFU/mL of *Corynebacterium sp.*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Identification–Specimen CC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	4	36.36%	Acceptable
Presump. Gram negative	4	36.36%	Acceptable
Presump. Escherichia coli	1	9.09%	Acceptable
Escherichia coli	1	9.09%	Acceptable
Staphylococcus epidermidis	1	9.09%	Acceptable

Organism(s) present: >100,000 CFU/mL of *Escherichia coli* and <10,000 CFU/mL of *Staphylococcus epidermidis*.

Identification–Specimen CC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	4	40.00%	Acceptable
Presump. Gram positive	3	30.00%	Acceptable
Presump. Staphylococcus sp.	2	20.00%	Acceptable
Staphylococcus saprophyticus	1	10.00%	Acceptable

Organism(s) present: >100,000 CFU/mL of *Staphylococcus saprophyticus* and <10,000 CFU/mL of *Lactobacillus* species.

Identification–Specimen CC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	4	40.00%	Acceptable
Presump. Gram negative	4	40.00%	Acceptable
Presump. Pseudomonas sp.	1	10.00%	Acceptable
Pseudomonas aeruginosa	1	10.00%	Acceptable

Organism(s) present: 50,000 - 75,000 CFU/mL of *Pseudomonas aeruginosa*.

DERMATOPHYTE SCREEN

Specimen DM-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	9	81.82%	Acceptable
Dermatophyte absent	2	18.18%	

Organism(s) present: *Trichophyton mentagrophytes*.

Specimen DM-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	11	100%	Acceptable

Organism(s) present: *Staphylococcus aureus*.

GRAM STAIN

Specimen GS-11

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	18	94.74%	Acceptable
Gram positive	1	5.26%	

Gram Stain Morphology

Rods/bacilli	17	100%	Acceptable
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Organism(s) present: *Proteus vulgaris*.

Specimen GS-12

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	18	94.74%	Acceptable
No organism(s) present	1	5.26%	

Gram Stain Morphology

Cocci	10	58.82%	Acceptable
Diplococci	4	23.53%	Acceptable
Coccobacilli	2	11.76%	
No organism(s) present	1	5.88%	

Organism(s) present: *Streptococcus pneumoniae*

GRAM STAIN

Specimen GS-13

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	17	89.47%	Acceptable
Gram negative	2	10.53%	

Gram Stain Morphology

Cocci	16	94.12%	Acceptable
Diplococci	1	5.88%	

Organism(s) present: *Streptococcus agalactiae*.

Specimen GS-14

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	18	94.74%	Acceptable
Gram positive	1	5.26%	

Gram Stain Morphology

Rods/bacilli	17	100%	Acceptable
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Organism(s) present: *Escherichia coli*.

Specimen GS-15

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	17	94.44%	Acceptable
Gram positive	1	5.56%	

Gram Stain Morphology

Diplococci	11	68.75%	Acceptable
Cocci	4	25.00%	Acceptable
Coccobacilli	1	6.25%	

Organism(s) present: *Moraxella catarrhalis*.

AFFIRM VP III–Trichomonas vaginalis

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Candida* species and *Trichomonas vaginalis*.

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*.

Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Escherichia coli*.

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	28	96.55%	Acceptable
Positive	1	3.45%	

Organism(s) present: *Gardnerella vaginalis*.

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Candida* species and *Trichomonas vaginalis*.

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*.

Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Escherichia coli*.

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis*.

AFFIRM VP III–Candida sp.

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Candida* species and *Trichomonas vaginalis*.

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*.

Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Escherichia coli*.

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	16	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	3	3	-
Quidel QuickVue	5	5	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

Specimen CY-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	-	16
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert	2	-	2
Gen-Probe APTIMA	3	-	3
Quidel QuickVue	5	-	5
Roche COBAS Amplicor	2	-	2

Antigen(s) present: No antigen present.

Specimen CY-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	14	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	3	3	-
Quidel QuickVue	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*.

Specimen CY-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	14	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	3	3	-
Quidel QuickVue	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	1	13
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	3	-	3
Quidel QuickVue	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Neisseria gonorrhoeae*.

GC (ANTIGEN DETECTION)

Specimen CY-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	10	1
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

Specimen CY-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert	2	-	2
Gen-Probe APTIMA	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: No antigen present.

Specimen CY-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	1	10
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*.

GC (ANTIGEN DETECTION)

Specimen CY-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert	2	-	2
Gen-Probe APTIMA	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*.

Specimen CY-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	11	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Neisseria gonorrhoeae*.

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere CRYPTOSPORIDIUM II	1	1	-
Alere Giardia/Crypto Quik Chek	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere CRYPTOSPORIDIUM II	1	1	-
Alere Giardia/Crypto Quik Chek	1	1	-

Antigen(s) present: *Cryptosporidium*.

Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere CRYPTOSPORIDIUM II	1	-	1
Alere Giardia/Crypto Quik Chek	1	-	1

Antigen(s) present: *Giardia lamblia*.

Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere CRYPTOSPORIDIUM II	1	-	1
Alere Giardia/Crypto Quik Chek	1	-	1

Antigen(s) present: No antigen present.

Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere CRYPTOSPORIDIUM II	1	1	-
Alere Giardia/Crypto Quik Chek	1	1	-

Antigen(s) present: *Cryptosporidium*.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere GIARDIA II	1	1	-
Alere Giardia/Crypto Quik Chek	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere GIARDIA II	1	-	1
Alere Giardia/Crypto Quik Chek	1	-	1

Antigen(s) present: *Cryptosporidium*.

Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere GIARDIA II	1	1	-
Alere Giardia/Crypto Quik Chek	1	1	-

Antigen(s) present: *Giardia lamblia*.

Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere GIARDIA II	1	-	1
Alere Giardia/Crypto Quik Chek	1	-	1

Antigen(s) present: No antigen present.

Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere GIARDIA II	1	-	1
Alere Giardia/Crypto Quik Chek	1	-	1

Antigen(s) present: *Cryptosporidium*.

RSV ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	68	3	65
Alere Binax NOW - waived	43	1	42
Alere Clearview RSV - waived	4	1	3
Quidel QuickVue RSV - waived	10	-	10
Quidel Sofia - waived	10	-	10

Antigen(s) present: Influenza A.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	68	64	4
Alere Binax NOW - waived	43	41	2
Alere Clearview RSV - waived	4	3	1
Quidel QuickVue RSV - waived	10	10	-
Quidel Sofia - waived	10	10	-

Antigen(s) present: RSV.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Alere Binax NOW - waived	6	-	6
Quidel QuickVue RSV - waived	3	-	3
Quidel Sofia - waived	5	-	5

Antigen(s) present: Influenza B.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	14	-
Alere Binax NOW - waived	6	6	-
Quidel QuickVue RSV - waived	3	3	-
Quidel Sofia - waived	5	5	-

Antigen(s) present: RSV.

RSV ANTIGEN DETECTION

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Alere Binax NOW - waived	6	-	6
Quidel QuickVue RSV - waived	3	-	3
Quidel Sofia - waived	5	-	5

Antigen(s) present: Influenza A.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	43	42	1
BD Veritor - waived	1	1	-
Quidel QuickVue Influenza	33	33	-

Antigen(s) present: Influenza A.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	44	-	44
BD Veritor - waived	1	-	1
Quidel QuickVue Influenza	33	-	33

Antigen(s) present: RSV.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	10	-
Quidel QuickVue Influenza	10	10	-

Antigen(s) present: Influenza B.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	-	10
Quidel QuickVue Influenza	10	-	10

Antigen(s) present: RSV.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	10	-
Quidel QuickVue Influenza	10	10	-

Antigen(s) present: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	300	299	1
Alere Binax NOW - waived	73	73	-
Alere i Instrument Influenza	6	6	-
Alere Influenza A&B	11	11	-
BD QTest	1	1	-
BD Veritor - moderate	1	1	-
BD Veritor - waived	41	40	1
Henry Schein OneStep+ Flu A&B	7	7	-
Medline Influenza A&B	4	4	-
Quidel QuickVue Influenza A+B	27	27	-
Quidel Sofia - waived	110	110	-
Sekisui OSOM Influenza A&B	7	7	-

Antigen(s) present: Influenza B.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	298	2	296
Alere Binax NOW - waived	73	-	73
Alere i Instrument Influenza	6	-	6
Alere Influenza A&B	11	-	11
BD QTest	1	-	1
BD Veritor - moderate	1	-	1
BD Veritor - waived	41	-	41
Henry Schein OneStep+ Flu A&B	6	-	6
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	27	-	27
Quidel Sofia - waived	110	1	109
Sekisui OSOM Influenza A&B	7	-	7

Antigen(s) present: RSV.

INFLUENZA A ANTIGEN DETECTION

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	-	103
Alere Binax NOW - waived	11	-	11
Alere Influenza A&B	2	-	2
BD Veritor - waived	12	-	12
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	68	-	68
Sekisui OSOM Influenza A&B	5	-	5

Antigen(s) present: Influenza B.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	-	103
Alere Binax NOW - waived	11	-	11
Alere Influenza A&B	2	-	2
BD Veritor - waived	12	-	12
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	68	-	68
Sekisui OSOM Influenza A&B	5	-	5

Antigen(s) present: RSV.

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	103	-
Alere Binax NOW - waived	11	11	-
Alere Influenza A&B	2	2	-
BD Veritor - waived	12	12	-
Henry Schein OneStep+ Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	3	-
Quidel Sofia - waived	68	68	-
Sekisui OSOM Influenza A&B	5	5	-

Antigen(s) present: Influenza B.

INFLUENZA B ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	295	1	294
Alere Binax NOW - waived	71	1	70
Alere i Instrument Influenza	6	-	6
Alere Influenza A&B	11	-	11
BD Veritor - moderate	1	-	1
BD Veritor - waived	40	-	40
Henry Schein OneStep+ Flu A&B	6	-	6
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	31	-	31
Quidel Sofia - waived	108	-	108
Sekisui OSOM Influenza A&B	7	-	7

Antigen(s) present: Influenza A.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	298	3	295
Alere Binax NOW - waived	72	1	71
Alere i Instrument Influenza	6	-	6
Alere Influenza A&B	11	-	11
BD Veritor - moderate	1	-	1
BD Veritor - waived	41	1	40
Henry Schein OneStep+ Flu A&B	7	-	7
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	31	-	31
Quidel Sofia - waived	108	1	107
Sekisui OSOM Influenza A&B	7	-	7

Antigen(s) present: RSV.

INFLUENZA B ANTIGEN DETECTION

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	98	5
Alere Binax NOW - waived	11	9	2
Alere Influenza A&B	2	2	-
BD Veritor - waived	12	12	-
Henry Schein OneStep+ Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	2	1
Quidel Sofia - waived	68	67	1
Sekisui OSOM Influenza A&B	5	4	1

Antigen(s) present: Influenza B.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	2	101
Alere Binax NOW - waived	11	-	11
Alere Influenza A&B	2	-	2
BD Veritor - waived	12	-	12
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	68	1	67
Sekisui OSOM Influenza A&B	5	1	4

Antigen(s) present: RSV.

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	103	-	103
Alere Binax NOW - waived	11	-	11
Alere Influenza A&B	2	-	2
BD Veritor - waived	12	-	12
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	68	-	68
Sekisui OSOM Influenza A&B	5	-	5

Antigen(s) present: Influenza B.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-

Antigen(s) present: *Clostridium difficile* and Rotavirus.

Specimen AG-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1

Antigen(s) present: Rotavirus.

Specimen AG-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-

Antigen(s) present: *Clostridium difficile*.

Specimen AG-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1

Antigen(s) present: Rotavirus.

Specimen AG-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-

Antigen(s) present: *Clostridium difficile* and Rotavirus.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

Antigen(s) present: *Clostridium difficile* and Rotavirus.

Specimen AG-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

Antigen(s) present: Rotavirus.

Specimen AG-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Fisher HealthCare Sure-Vue	5	-	5

Antigen(s) present: *Clostridium difficile*.

Specimen AG-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

Antigen(s) present: Rotavirus.

Specimen AG-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Fisher HealthCare Sure-Vue	5	-	5

Antigen(s) present: *Clostridium difficile* and Rotavirus.

LEGIONELLA ANTIGEN DETECTION

Specimen L-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	18	-	18

Specimen L-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	18	18	-

Specimen L-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	18	18	-

Specimen L-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	18	-	18

Specimen L-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	18	18	-

STREPTOCOCCUS PNEUMONIAE ANTIGEN

Specimen SP-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	17	-	17

Specimen SP-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	17	17	-

Specimen SP-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	17	17	-

Specimen SP-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	17	17	-

Specimen SP-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	17	-	17

PARASITOLOGY

Specimen PA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dientamoeba fragilis	5	100%	Acceptable

Parasite(s) present: *Dientamoeba fragilis*.

Specimen PA-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	5	100%	Acceptable

Parasite(s) present: No parasite present.

Specimen PA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Strongyloides stercoralis larvae	4	80.00%	Acceptable
No parasite seen	1	25.00%	

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

Specimen PA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Diphyllobothrium latum	5	100%	Acceptable

Parasite(s) present: *Diphyllobothrium latum*.

Specimen PA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Plasmodium malariae	3	60.00%	Ungraded
Babesia sp.	1	20.00%	
Plasmodium falciparum	1	20.00%	

Parasite(s) present: *Plasmodium malariae*. This is an ungraded challenge due to less than 80% participant consensus.

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