MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

2 • 0 • 1 •2

MLE
MedicalLaboratoryEvaluation

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

Microbiology
MLE-M3

Table of Contents

2012 Evaluation Criteria

The evaluation criteria used in the 2012 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.

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

THROAT CULTURE

Specimen TC-11

Identification	***Labs***	***Percent***	***Performance***
Positive for Group A Strep	90	52.33%	Acceptable
Presump. Pos. Group A Strep	65	37.29%	Acceptable
Streptococcus pyogenes	8	4.65%	Acceptable
Growth, referred for identification	2	1.16%	Acceptable

Organisms present in specimen TC-11: *Streptococcus pyogenes* and *Corynebacterium species.*

Specimen TC-12

Identification	***Labs***	***Percent***	***Performance***
Negative for Group A Strep	153	92.17%	Acceptable
No growth (sterile)	6	3.61%	Acceptable
Haemophilus influenza	2	1.20%	Acceptable
Growth, referred for identification	2	1.20%	Acceptable
Gram negative coccobacilli	1	0.60%	Acceptable

Organisms present in specimen TC-12: *Haemophilus influenzae* and *Neisseria sicca*.

Specimen TC-13

Identification	***Labs***	***Percent***	***Performance***
Positive for Group A Strep	50	50.51%	Acceptable
Presump. Pos. Group A Strep	44	44.44%	Acceptable
Growth, referred for identification	2	2.02%	Acceptable

Organism present in specimen TC-13: *Streptococcus pyogenes.*

Specimen TC-14

Identification	***Labs***	***Percent***	***Performance***
Positive for Group A Strep	43	50.59%	Acceptable
Presump. Pos. Group A Strep	37	43.53%	Acceptable
Growth, referred for identification	2	2.35%	Acceptable

Organisms present in specimen TC-14: *Streptococcus pyogenes* and *Neisseria sicca*.

Specimen TC-15

Identification	***Labs***	***Percent***	***Performance***
Negative for Group A Strep	79	92.94%	Acceptable
No growth (sterile)	3	3.53%	Acceptable

Organism present in specimen TC-15: *Moraxella catarrhalis.*

STREP A ANTIGEN DETECTION

Specimen RS-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	609	591	18
Abbott Signify Strep A-waived	3	3	-
BD Chek Strep A	5	4	1
BD Directigen EZ	1	1	-
Beckman Coulter ICON DS	6	6	-
Beckman Coulter ICON SC	3	3	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	20	19	1
Consult Diagnostic Strep A - Moderate	4	4	-
Consult Diagnostic Strep A Dipstick - Waived	62	61	1
Fisher HealthCare Sure-Vue	2	2	-
Fisher HealthCare Sure-Vue - waived	2	2	-
Gen-Probe	1	1	-
Genzyme OSOM	76	76	-
Genzyme OSOM Ultra Strep A	69	68	1
Henry Schein One Step+ - waived	26	26	-
Immunostics Detector Strep A Direct	13	12	1
Inverness Acceava Strep A Test	15	15	-
Inverness Signify Strep A Dipstick	1	1	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	45	41	4
Other Waived Method	9	9	-
Polymedco Poly Stat Strep A - moderate	1	1	-
Polymedco Poly Stat Strep A - waived	7	7	-
PSS Select Diag. Strep A Dipstick - waived	14	14	-
Quidel QuickVue Dipstick Strep	106	102	4
Quidel QuickVue In-Line	63	59	4
Quidel QuickVue+	39	38	1
Stanbio QuStick Strep A	4	4	-
Wampole Clearview	3	3	-

STREP A ANTIGEN DETECTION

Specimen RS-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	596	8	588
Abbott Signify Strep A-waived	3	-	3
BD Chek Strep A	5	-	5
BD Directigen EZ	1	-	1
Beckman Coulter ICON DS	6	-	6
Beckman Coulter ICON SC	3	-	3
Binax NOW Strep A	1	-	1
Cardinal Health Strep A - moderate	1	-	1
Cardinal Health Strep A - waived	20	-	20
Consult Diagnostic Strep A - Moderate	3	-	3
Consult Diagnostic Strep A Dipstick - Waived	62	1	61
Fisher HealthCare Sure-Vue	2	-	2
Fisher HealthCare Sure-Vue - waived	2	-	2
Gen-Probe	1	-	1
Genzyme OSOM	76	-	76
Genzyme OSOM Ultra Strep A	68	1	67
Henry Schein One Step+ - waived	26	-	26
Immunostics Detector Strep A Direct	13	1	12
Inverness Acceava Strep A Test	14	-	14
Inverness Signify Strep A Dipstick	1	-	1
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	43	-	43
Other Waived Method	9	-	9
Polymedco Poly Stat Strep A - moderate	1	-	1
Polymedco Poly Stat Strep A - waived	7	-	7
PSS Select Diag. Strep A Dipstick - waived	12	-	12
Quidel QuickVue Dipstick Strep	104	4	100
Quidel QuickVue In-Line	61	-	61
Quidel QuickVue+	37	1	36
Stanbio QuStick Strep A	4	-	4
Wampole Clearview	3	-	3

STREP A ANTIGEN DETECTION

Specimen RS-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	180	178	2
BD Chek Strep A	2	2	-
Beckman Coulter ICON DS	2	2	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	3	2	1
Consult Diagnostic Strep A Dipstick - Waived	11	11	-
Genzyme OSOM	50	50	-
Genzyme OSOM Ultra Strep A	14	14	-
Henry Schein One Step+ - waived	4	4	-
Immunostics Detector Strep A Direct	2	2	-
Inverness Acceava Strep A Test	2	2	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	16	16	-
Other Waived Method	3	3	-
Polymedco Poly Stat Strep A - moderate	1	1	-
PSS Select Diag. Strep A Dipstick - waived	1	1	-
Quidel QuickVue Dipstick Strep	12	12	-
Quidel QuickVue In-Line	23	22	1
Quidel QuickVue+	28	28	-
Stanbio QuStick Strep A	2	2	-

STREP A ANTIGEN DETECTION

Specimen RS-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	157	154	3
BD Chek Strep A	1	1	-
Beckman Coulter ICON DS	2	2	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	3	2	1
Consult Diagnostic Strep A Dipstick - Waived	9	9	-
Genzyme OSOM	48	47	1
Genzyme OSOM Ultra Strep A	10	10	-
Henry Schein One Step+ - waived	3	3	-
Immunostics Detector Strep A Direct	2	2	-
Inverness Acceava Strep A Test	2	2	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	12	12	-
Other Waived Method	3	3	-
PSS Select Diag. Strep A Dipstick - waived	1	1	-
Quidel QuickVue Dipstick Strep	10	10	-
Quidel QuickVue In-Line	22	21	1
Quidel QuickVue+	23	23	-
Stanbio QuStick Strep A	2	2	-

Specimen RS-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	157	1	156
BD Chek Strep A	1	-	1
Beckman Coulter ICON DS	2	-	2
Binax NOW Strep A	1	-	1
Cardinal Health Strep A - moderate	1	-	1
Cardinal Health Strep A - waived	3	-	3
Consult Diagnostic Strep A Dipstick - Waived	9	-	9
Genzyme OSOM	48	-	48
Genzyme OSOM Ultra Strep A	10	-	10
Henry Schein One Step+ - waived	3	-	3
Immunostics Detector Strep A Direct	2	-	2
Inverness Acceava Strep A Test	2	-	2
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	12	-	12
Other Waived Method	3	-	3
PSS Select Diag. Strep A Dipstick - waived	1	-	1
Quidel QuickVue Dipstick Strep	10	-	10
Quidel QuickVue In-Line	22	1	21
Quidel QuickVue+	23	-	23
Stanbio QuStick Strep A	2	-	2

GENERAL BACTERIOLOGY

Specimen BA-7 – Blood Culture

Identification	***Labs***	***Percent***	***Performance***
Enterococcus (Strep) faecalis	4	50.00%	Acceptable
Enterococcus sp.	3	37.50%	Acceptable

Organism present in specimen BA-7: *Enterococcus (Strep) faecalis.*

Specimen BA-8 – Stool Culture

Identification	***Labs***	***Percent***	***Performance***
Shigella sp.	6	60%	Acceptable
Escherichia coli	2	20%	Acceptable

Organisms present in specimen BA-8: *Shigella sonnei* and *Escherichia coli.*

Specimen BA-9 – Wound Culture

Identification	***Labs***	***Percent***	***Performance***
Staphylococcus aureus	9	69.23%	Acceptable
Staphylococcus epidermidis	2	15.38%	Acceptable
Staph – coagulase negative	2	15.38%	Acceptable

Organisms present in specimen BA-9: *Staphylococcus aureus* and *Staphylococcus epidermidis*.

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

Specimen MSA-11

Identification	***Labs***	***Percent***	***Performance***
Positive	6	100%	Acceptable

Organisms present in specimen MSA-11: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus epidermidis.*

Specimen MSA-12

Identification	***Labs***	***Percent***	***Performance***
Negative	6	100%	Acceptable

Organisms present in specimen MSA-12: *Staphylococcus aureus* and *Corynebacterium species.*

Specimen MSA-13

Identification	***Labs***	***Percent***	***Performance***
Negative	6	100%	Acceptable

Organisms present in specimen MSA-13: *Streptococcus pneumoniae* and *Corynebacterium species.*

Specimen MSA-14

Identification	***Labs***	***Percent***	***Performance***
Positive	6	100%	Acceptable

Organism present in specimen MSA-14: *Staphylococcus aureus* – Methicillin resistant and *Corynebacterium species.*

Specimen MSA-15

Identification	***Labs***	***Percent***	***Performance***
Positive	6	100%	Acceptable

Organisms present in specimen MSA-15: *Staphylococcus aureus* – Methicillin resistant and *Neisserica sicca.*

URINE CULTURE

Specimen UC-11

Identification	***Labs***	***Percent***	***Performance***
Escherichia coli	44	52.38%	Acceptable
Growth, referred for identification	23	27.38%	Acceptable
Gram negative bacilli	8	9.52%	Acceptable
Presump. Escherichia coli	5	5.95%	Acceptable
Presump. Gram negative	3	3.57%	Acceptable
Gram Stain			
Gram negative	37	100%	Acceptable
Gram Stain Morphology			
Rods/bacilli	36	100%	Acceptable

Organism present in specimen UC-11: *Escherichia coli.*

Specimen UC-12

Identification	***Labs***	***Percent***	***Performance***
Growth, referred for identification	28	36.84%	Acceptable
Staphylococcus saprophyticus	24	31.58%	Acceptable
Gram positive cocci	7	9.21%	Acceptable
Staph – coagulase negative	6	7.89%	Acceptable
Staphylococcus sp.	5	6.58%	Acceptable
Presump. Staphylococcus sp.	4	5.26%	Acceptable
Presump. Gram positive	2	2.63%	Acceptable

Organisms present in specimen UC-12: *Staphylococcus saprophyticus* and *Corynebacterium species.*

Specimen UC-13

Identification	***Labs***	***Percent***	***Performance***
Growth, referred for identification	24	46.15%	Acceptable
Enterococcus sp.	15	28.85%	Acceptable
Gram positive cocci	5	9.62%	Acceptable
Presump. Gram positive	2	3.85%	Acceptable
Enterococcus (Strep) faecalis	2	3.85%	Acceptable
Strepococcus Group D	1	1.92%	Acceptable
Presump. Enterococcus sp.	1	1.92%	Acceptable
Presumptive Streptococcus sp.	1	1.92%	Acceptable

Organism present in specimen UC-13: *Enterococcus (Strep) faecalis*.

URINE CULTURE

Specimen UC-14

Identification	***Labs***	***Percent***	***Performance***
Growth, referred for identification	11	42.31%	Acceptable
Enterobacter cloacae	6	23.08%	Acceptable
Enterobacter sp.	2	7.69%	Acceptable
Presump. Gram negative	2	7.69%	Acceptable
Gram negative bacilli	2	7.69%	Acceptable
Lactobacillus sp.	1	3.85%	Acceptable

Organisms present in specimen UC-14: *Enterobacter cloacae* and *Lactobacillus* species.

Specimen UC-15

Identification	***Labs***	***Percent***	***Performance***
Growth, referred for identification	10	38.46%	Acceptable
Citrobacter freundii	7	26.92%	Acceptable
Citrobacter sp.	3	11.54%	Acceptable
Gram negative bacilli	2	7.69%	Acceptable
Presump. Gram negative	2	7.69%	Acceptable
Corynebacterium sp.	1	3.85%	Acceptable

Organisms present in specimen UC-15: *Citrobacter freundii* and *Corynebacterium* species.

ANTIMICROBIAL SUSCEPTIBILIY TESTING

Specimen UC-11, CC-11 (SUS-11) The organism present is: *Escherichia coli.*

	------Disk Diffusion------ Interpretative category data				------MIC------ Interpretative category data				
Antimicrobial	***Labs***	***S***	***I***	***R***	***Labs***	***S***	***I***	***R***	***Acceptable (%)***
Amikacin	-	-	-	-	6	6	-	-	100.00%
Amoxicillin/Clavulanate	11	6	2	3	6	6	-	-	77.27%[1]
Ampicillin	37	-	-	37	16	-	-	16	100.00%
Ampicillin/Sulbactam	-	-	-	-	7	-	5	2	100.00%
Aztreonam	-	-	-	-	2	2	-	-	Not graded[2]
Carbenicillin	5	-	-	5	-	-	-	-	100.00%
Cefamandole	1	1	-	-	-	-	-	-	Not graded[2]
Cefazolin	2	2	-	-	8	8	-	-	100.00%
Cefepime	-	-	-	-	4	4	-	-	Not graded[2]
Cefixime	4	4	-	-	-	-	-	-	100.00%
Cefotaxime	-	-	-	-	1	1	-	-	Not graded[2]
Cefoxitin	-	-	-	-	4	4	-	-	100.00%
Cefpodoxime	1	1	-	-	-	-	-	-	Not graded[2]
Ceftazidime	2	2	-	-	6	6	-	-	100.00%
Ceftriaxone	7	7	-	-	7	7	-	-	100.00%
Cefuroxime	4	4	-	-	1	1	-	-	100.00%
Cephalexin	1	1	-	-	-	-	-	-	Not graded[2]
Cephalothin	31	24	4	3	6	3	2	1	73.17%[3]
Ciprofloxacin	40	40	-	-	15	15	-	-	100.00%
Doxycycline	2	2	-	-	1	1	-	-	Not graded[2]
Ertapenem	-	-	-	-	4	4	-	-	Not graded[2]
Fosfomycin	3	3	-	-	-	-	-	-	Not graded[2]
Gatifloxacin	-	-	-	-	1	1	-	-	Not graded[2]
Gentamicin	25	24	-	1	9	9	-	-	97.56%
Imipenem	-	-	-	-	6	6	-	-	100.00%
Levofloxacin	14	14	-	-	9	9	-	-	100.00%
Lomefloxacin	1	1	-	-	-	-	-	-	Not graded[2]
Meropenem	-	-	-	-	3	3	-	-	Not graded[2]
Moxifloxacin	1	1	-	-	-	-	-	-	Inappropriate drug[4]
Nalidixic Acid	3	3	-	-	-	-	-	-	Not graded[2]

NOTE: Please be aware that CLSI may issue a new edition of the supplement to the standards used by all proficiency testing programs for grading of susceptibilities as often as annually. Please contact CLSI to ensure that you are using the most recent version of these standards when reporting your susceptibilities. MLE has observed significant changes to which drugs are considered appropriate for various organisms with each subsequent supplement editions.

[1] This challenge was graded by 100% referee consensus.
[2] This is an ungraded challenge due to lack of comparison group.
[3] This challenge was graded by 80% referee consensus.
[4] This is an inappropriate drug for this organism and/or source.

ANTIMICROBIAL SUSCEPTIBILIY TESTING

Specimen UC-11, CC-11 (SUS-11) The organism present is: *Escherichia coli.*

	------Disk Diffusion------				------MIC------				
	Interpretative category data				Interpretative category data				
Antimicrobial	***Labs***	***S***	***I***	***R***	***Labs***	***S***	***I***	***R***	***Acceptable (%)***
Nitrofurantoin	44	44	-	-	15	15	-	-	100.00%
Norfloxacin	10	10	-	-	1	1	-	-	100.00%
Ofloxacin	1	1	-	-	1	1	-	-	Not graded[1]
Piperacillin	-	-	-	-	1	-	-	1	Not graded[1]
Piperacillin/Tazobactam	1	1	-	-	4	4	-	-	100.00%
Sulfisoxazole	5	5	-	-	-	-	-	-	100.00%
Tetracycline	7	7	-	-	7	7	-	-	100.00%
Ticarcillin/Clavulanate	-	-	-	-	1	1	-	-	Not graded[1]
Tigecycline	-	-	-	-	1	1	-	-	Inappropriate drug[2]
Tobramycin	2	2	-	-	8	8	-	-	100.00%
Trimethoprim	7	7	-	-	1	1	-	-	100.00%
Trimethoprim/Sulfamethoxazole	43	43	-	-	16	15	1	-	98.53%

NOTE: Please be aware that CLSI may issue a new edition of the supplement to the standards used by all proficiency testing programs for grading of susceptibilities as often as annually. Please contact CLSI to ensure that you are using the most recent version of these standards when reporting your susceptibilities. MLE has observed significant changes to which drugs are considered appropriate for various organisms with each subsequent supplement editions.

[1] This is an ungraded challenge due to lack of comparison group.
[2] This is an inappropriate drug for this organism and/or source.

GENITAL CULTURE

Specimen GC-11

Identification	***Labs***	***Percent***	***Performance***
Neisseria gonorrhoeae	16	45.71%	Acceptable
Presumptive for N. gonorrhoea	16	45.71%	Acceptable
Growth, referred for identification	3	8.57%	Acceptable

Gram Stain

Gram negative	29	100%	Acceptable

Gram Stain Morphology

Diplococci	28	96.55%	Acceptable
Coccobacilli	1	3.45%	

Organism present in specimen GC-11: *Neisseria gonorrhoeae*.

Specimen GC-12

Identification	***Labs***	***Percent***	***Performance***
Presumptive for N. gonorrhoea	11	78.57%	Acceptable
Neisseria gonorrhoeae	2	14.29%	Acceptable
Growth, referred for identification	1	7.14%	Acceptable

Organisms present in specimen GC-12: *Neisseria gonorrheae and Staphylococcus epidermidis.*

Specimen GC-13

Identification	***Labs***	***Percent***	***Performance***
Negative for N. gonorrhoeae	9	69.23%	Acceptable

Organism present in specimen GC-13: *Staphylococcus epidermidis.* This challenge was graded by 82% referee consensus.

The genital tract contains many species of normal bacteria (such as coagulase negative Staph. and *Lactobacillus*.) Selective culture media such as Modified Thayer-Martin (MTM) and Martin-Lewis (ML) contain antibiotics that inhibit the growth of bacteria other than *Neisseria*, but sometimes normal bacteria "break through" and grow on selective media. According to the manufacturer's certificate of analysis for this specimen, scant growth (+/-) should have been detected on MTM and ML agar. The result should be reported as "Negative for N. gonorrhoeae," if any amount of growth of normal flora is seen, rather than as "No growth (sterile)." Only report "No growth (sterile)" for specimens that do not exhibit any growth on any media. If your lab is not routinely seeing growth of normal flora, it could be an indication that the media or incubator environment is not suitable.

GENITAL CULTURE

Specimen GC-14

Identification	***Labs***	***Percent***	***Performance***
Negative for N. gonorrhoeae	9	69.23%	Acceptable
No growth (sterile)	4	30.77%	Acceptable

Organisms present in specimen GC-14: *Gardnerella vaginalis* and *Lactobacillus casei*.

Specimen GC-15

Identification	***Labs***	***Percent***	***Performance***
Presumptive for N. gonorrhoeae	11	84.62%	Acceptable
Neisseria gonorrhoeae	2	15.38%	Acceptable

Organisms present in specimen GC-15: *Neisseria gonorrhoeae* and *Lactobacillus casei.*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-11

Method	***Labs***	***No growth***	***<10,000 organisms/mL***	***10,000-100,000 organisms/mL***	***>100,000 organisms/mL***
ALL METHODS	90	-	-	17	73
Bacturcult	3	-	-	2	1
Bulls Eye	5	-	-	-	5
Calibrated Loop	26	-	-	4	22
HealthLink	2	-	-	-	2
Uri-Check	6	-	-	-	6
Uri-Three	1	-	-	-	1
Uricult	41	-	-	10	31

Identification–Specimen CC-11

Identification	***Labs***	***Percent***	***Performance***
Presump. Gram negative	9	39.13%	Acceptable
Growth, referred for identification	6	26.09%	Acceptable
Presump. Escherichia coli	5	21.74%	Acceptable
Escherichia coli	3	13.04%	Acceptable
Gram Stain			
Gram negative	5	100%	Acceptable
Gram Stain Morphology			
Rods/bacilli	5	100%	Acceptable

Organism present in specimen CC-11: >100,000 CFU/mL of *Escherichia coli.*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-12

Method	***Labs***	***No growth***	***<10,000 organisms/mL***	***10,000-100,000 organisms/mL***	***>100,000 organisms/mL***
ALL METHODS	90	6	-	13	71
Bacturcult	3	1	-	1	1
Bulls Eye	5	-	-	-	5
Calibrated Loop	26	-	-	1	25
HealthLink	2	-	-	1	1
Uri-Check	6	1	-	-	5
Uri-Three	1	-	-	-	1
Uricult	41	4	-	10	27

Identification–Specimen CC-12

Identification	***Labs***	***Percent***	***Performance***
Presump. Gram positive	8	34.78%	Acceptable
Growth, referred for identification	7	30.43%	Acceptable
Presump. Staphylococcus sp.	4	17.39%	Acceptable
Staphylococcus saprophyticus	3	13.04%	Acceptable

Organisms present in specimen CC-12: >100,000 CFU/mL of *Staphylococcus saprophyticus* and <10,000 CFU/mL of *Corynebacterium species.*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Identification–Specimen CC-13

Identification	***Labs***	***Percent***	***Performance***
Presump. Gram positive	10	47.62%	Acceptable
Growth, referred for identification	6	28.57%	Acceptable
Presump. Enterococcus sp.	3	14.29%	Acceptable
Enterococcus (Strep) faecalis	2	9.52%	Acceptable

Organism present in specimen CC-13: >100,000 CFU/mL of *Enterococcus* (Strep) *faecalis.*

Identification–Specimen CC-14

Identification	***Labs***	***Percent***	***Performance***
Presump. Gram negative	12	57.14%	Acceptable
Growth, referred for identification	3	14.29%	Acceptable
Enterobacter cloacae	2	9.52%	Acceptable
Presump. Enterobacter sp.	1	4.76%	Acceptable

Organisms present in specimen CC-14: 50,000 – 75,000 CFU/mL of *Enterobacter cloacae* and <10,000 CFU/ml of *Lactobacillus species*.

Identification–Specimen CC-15

Identification	***Labs***	***Percent***	***Performance***
Presump. Gram negative	12	57.14%	Acceptable
Growth, referred for identification	3	14.29%	Acceptable
Citrobacter freundii	2	9.52%	Acceptable
Citrobacter sp.	2	9.52%	Acceptable

Organisms present in specimen CC-15: >100,000 CFU/mL of *Citrobacter freundii* and <10,000 CFU/mL of *Corynebacterium species.*

DERMATOPHYTE SCREEN

Specimen DM-5

Identification	***Labs***	***Percent***	***Performance***
Dermatophyte absent	25	92.59%	Acceptable
Dermatophyte present	2	7.41%	

Organism present in specimen DM-5: *Staphylococcus epidermidis*.

Specimen DM-6

Identification	***Labs***	***Percent***	***Performance***
Dermatophyte present	16	59.26%	Not graded
Dermatophyte absent	11	40.74%	

Organism present in specimen DM-6: *Trichophyton tonsurans.* This is an ungraded challenge due to less than 80% participant consensus.

Dermatophytes cause fungal infections of the hair, skin and nails, generally referred to as tinea or ringworm. Members of the genera *Trichophyton*, *Microsporum* and *Epidermophyton* are the most common etiologic agents of these infections. The organism in this specimen was *Trichophyton tonsurans*. According to the manufacturer's certificate of analysis, at 7 days Dermatophyte Test Medium (DTM) was positive, with a red color change and white fluffy growth. If you reported "Dermatophytes absent," consult your manufacturer's package insert instructions to determine if the test was performed properly, and call the manufacturer for technical assistance if needed.

GRAM STAIN

Specimen GS-11

Reaction	***Labs***	***Percent***	***Performance***
Gram negative	27	100%	Acceptable
Gram Stain Morphology			
Rods/bacilli	22	91.67%	Acceptable
Coccobacilli	2	8.33%	

Organism present in specimen GS-11: *Pseudomonas aeruginosa.*

Specimen GS-12

Reaction	***Labs***	***Percent***	***Performance***
Gram positive	27	100%	Acceptable
Gram Stain Morphology			
Cocci	20	83.33%	Acceptable
Diplococci	4	16.67%	

Organism present in specimen GS-12: *Staphylococcus aureus.*

GRAM STAIN

Specimen GS-13

Reaction	***Labs***	***Percent***	***Performance***
Gram positive	27	100%	Acceptable
Gram Stain Morphology			
Cocci	20	83.33%	Acceptable
Coccobacilli	2	8.33%	
Diplococci	2	8.33%	

Organism present in specimen GS-13: *Streptococcus agalactiae*.

Specimen GS-14

Reaction	***Labs***	***Percent***	***Performance***
Gram negative	26	96.30%	Acceptable
Gram positive	1	3.70%	
Gram Stain Morphology			
Rods/bacilli	23	95.83%	Acceptable
Coccobacilli	1	4.17%	

Organism present in specimen GS-14: *Proteus vulgaris.*

Specimen GS-15

Reaction	***Labs***	***Percent***	***Performance***
Gram negative	25	92.59%	Acceptable
Gram positive	2	7.41%	
Gram Stain Morphology			
Rods/bacilli	21	87.50%	Acceptable
Coccobacilli	2	8.33%	
Cocci	1	4.17%	

Organism present in specimen GS-15: *Pseudomonas aeruginosa.*

AFFIRM VP III–Trichomonas vaginalis

Specimen VP-11

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

Organisms present in specimen VP-11: *Candida albicans* and *Gardnerella vaginalis*.

Specimen VP-12

Identification	***Labs***	***Percent***	***Performance***
Positive	34	100%	Acceptable

Organism present in specimen VP-12: *Trichomonas vaginalis.*

Specimen VP-13

Identification	***Labs***	***Percent***	***Performance***
Negative	33	97.06%	Acceptable
Positive	1	2.94%	

Organism present in specimen VP-13: *Candida* species.

Specimen VP-14

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

Organism present in specimen VP-14: *Gardnerella vaginalis*.

Specimen VP-15

Identification	***Labs***	***Percent***	***Performance***
Positive	34	100%	Acceptable

Organism present in specimen VP-15: *Trichomonas vaginalis.*

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-11

Identification	***Labs***	***Percent***	***Performance***
Positive	33	97.06%	Acceptable
Negative	1	2.94%	

Specimen VP-12

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

Specimen VP-13

Identification	***Labs***	***Percent***	***Performance***
Negative	33	97.06%	Acceptable
Positive	1	2.94%	

Specimen VP-14

Identification	***Labs***	***Percent***	***Performance***
Positive	34	100%	Acceptable

Specimen VP-15

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

AFFIRM VP III–Candida sp.

Specimen VP-11

Identification	***Labs***	***Percent***	***Performance***
Positive	34	100%	Acceptable

Specimen VP-12

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

AFFIRM VP III–Candida sp.

Specimen VP-13

Identification	***Labs***	***Percent***	***Performance***
Positive	32	94.12%	Acceptable
Negative	2	5.88%	

Specimen VP-14

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

Specimen VP-15

Identification	***Labs***	***Percent***	***Performance***
Negative	34	100%	Acceptable

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	17	2	15
BD ProbeTec	7	-	7
Gen-Probe	2	-	2
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	6	-	6

Organism present in specimen CY-11: *Neisseria gonorrheae.*

Specimen CY-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	17	17	-
BD ProbeTec	7	7	-
Gen-Probe	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	6	6	-

Organism present in specimen CY-12: *Chlamydia trachomatis*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	16	15	1
BD ProbeTec	7	7	-
Gen-Probe	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	4	1

Organisms present in specimen CY-13: *Chlamydia trachomatis* and *Neisseria gonorrheae.*

Specimen CY-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	16	16	-
BD ProbeTec	7	7	-
Gen-Probe	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	5	-

Organism present in specimen CY-14: *Chlamydia trachomatis.*

Specimen CY-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	16	2	14
BD ProbeTec	7	-	7
Gen-Probe	2	-	2
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	-	5

Organism present in specimen CY-15: *Neisseria gonorrheae*.

GC (ANTIGEN DETECTION)

Specimen CY-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	11	11	-
BD ProbeTec	7	7	-
Gen-Probe	2	2	-
Gen-Probe APTIMA	2	2	-

Specimen CY-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	11	-	11
BD ProbeTec	7	-	7
Gen-Probe	2	-	2
Gen-Probe APTIMA	2	-	2

Specimen CY-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	11	9	2
BD ProbeTec	7	7	-
Gen-Probe	2	-	2
Gen-Probe APTIMA	2	2	-

Specimen CY-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	11	-	11
BD ProbeTec	7	-	7
Gen-Probe	2	-	2
Gen-Probe APTIMA	2	-	2

Specimen CY-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	11	11	-
BD ProbeTec	7	7	-
Gen-Probe	2	2	-
Gen-Probe APTIMA	2	2	-

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-11

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	5	4	1
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	3	2	1

Antigen present in specimen LC-11: *Cryptosporidium*.

Specimen LC-12

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	5	-	5
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	3	-	3

Antigen present in specimen LC-12: No antigens present.

Specimen LC-13

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	5	2	3
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	3	-	3

Antigens present in specimen LC-13: *Cryptosporidium* and *Giardia lamblia.* This is an ungraded challenge due to less than 80% participant consensus.

Specimen LC-14

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	5	-	5
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	3	-	3

Antigen present in specimen LC-14: *Giardia lamblia*.

Specimen LC-15

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	5	3	2
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	3	1	2

Antigen present in specimen LC-15: *Cryptosporidium.* This is an ungraded challenge due to less than 80% participant consensus.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	8	-	8
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

Specimen LC-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	8	-	8
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

Specimen LC-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	8	8	-
Alexon (Hycor)	1	1	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	5	5	-

Specimen LC-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	8	8	-
Alexon (Hycor)	1	1	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	5	5	-

Specimen LC-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	8	-	8
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

RSV ANTIGEN DETECTION

Specimen V-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	56	1	55
Binax NOW - waived	44	1	43
Quidel QuickVue RSV - waived	8	-	8
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1
Wampole Clearview RSV - waived	1	-	1

Antigen present in specimen V-11: Influenza B.

Specimen V-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	56	1	55
Binax NOW - waived	44	1	43
Quidel QuickVue RSV - waived	8	-	8
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1
Wampole Clearview RSV - waived	1	-	1

Antigen present in specimen V-12: Influenza A.

Specimen V-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	13	-	13
Binax NOW - waived	8	-	8
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1

Antigen present in specimen V-13: Influenza A.

Specimen V-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	13	-	13
Binax NOW - waived	8	-	8
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1

Antigen present in specimen V-14: No antigen present.

RSV ANTIGEN DETECTION

Specimen V-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	13	13	-
Binax NOW - waived	8	8	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	1	1	-

Antigen present in specimen V-15: RSV.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	48	47	1
Quidel QuickVue Influenza	45	44	1

Antigen present in specimen V-11: Influenza B.

Specimen V-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	48	44	4
Quidel QuickVue Influenza	45	42	3

Antigen present in specimen V-12: Influenza A.

Specimen V-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	16	16	-
Quidel QuickVue Influenza	16	16	-

Antigen present in specimen V-13: Influenza A.

Specimen V-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	16	1	15
Quidel QuickVue Influenza	16	1	15

Antigen present in specimen V-14: No antigen present.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-15

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	16	-	16
Quidel QuickVue Influenza	16	-	16

Antigen present in specimen V-15: RSV.

INFLUENZA A ANTIGEN DETECTION

Specimen V-11

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	239	2	237
BD Directigen	1	-	1
Binax NOW - waived	117	-	117
Genzyme OSOM Influenza A&B	54	1	53
Other Waived Method	3	-	3
Quidel QuickVue Influenza A+B	55	1	54
Remel Xpect	3	-	3

Antigen present in specimen V-11: Influenza B.

Specimen V-12

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	247	234	13
BD Directigen	1	1	-
Binax NOW - waived	122	115	7
Genzyme OSOM Influenza A&B	54	53	1
Other Waived Method	3	3	-
Quidel QuickVue Influenza A+B	57	53	4
Remel Xpect	3	3	-

Antigen present in specimen V-12: Influenza A.

Specimen V-13

Method	*Labs*	*Positive*	*Negative*
ALL METHODS	84	84	-
BD Directigen	1	1	-
Binax NOW - waived	22	22	-
Genzyme OSOM Influenza A&B	53	53	-
Other Waived Method	1	1	-
Quidel QuickVue Influenza A+B	4	4	-
Remel Xpect	3	3	-

Antigen present in specimen V-13: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	84	-	84
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	53	-	53
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	4	-	4
Remel Xpect	3	-	3

Antigen present in specimen V-14: No antigen present.

Specimen V-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	84	-	84
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	53	-	53
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	4	-	4
Remel Xpect	3	-	3

Antigen present in specimen V-15: RSV.

INFLUENZA B ANTIGEN DETECTION

Specimen V-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	247	245	2
BD Directigen	1	1	-
Binax NOW - waived	119	117	2
BioStar Flu OIA A/B	1	1	-
Genzyme OSOM Influenza A&B	54	54	-
Other Waived Method	3	3	-
Quidel QuickVue Influenza A+B	56	56	-
Remel Xpect	3	3	-

Antigen present in specimen V-11: Influenza B.

INFLUENZA B ANTIGEN DETECTION

Specimen V-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	239	2	237
BD Directigen	1	-	1
Binax NOW - waived	115	1	114
BioStar Flu OIA A/B	1	-	1
Genzyme OSOM Influenza A&B	54	-	54
Other Waived Method	3	-	3
Quidel QuickVue Influenza A+B	54	1	53
Remel Xpect	3	-	3

Antigen present in specimen V-12: Influenza A.

Specimen V-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	83	-	83
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	52	-	52
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-13: Influenza A.

Specimen V-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	84	-	84
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	52	-	52
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-14: No antigen present.

Specimen V-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	84	-	84
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	52	-	52
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-15: RSV.

LEGIONELLA ANTIGEN DETETION

Specimen L-11

Method	***Labs***	***Positive***	***Negative***
Binax NOW	48	48	-

Specimen L-11: Positive for Legionella antigen.

Specimen L-12

Method	***Labs***	***Positive***	***Negative***
Binax NOW	48	48	-

Specimen L-12: Positive for Legionella antigen.

Specimen L-13

Method	***Labs***	***Positive***	***Negative***
Binax NOW	48	-	48

Specimen L-13: Negative for Legionella antigen.

Specimen L-14

Method	***Labs***	***Positive***	***Negative***
Binax NOW	48	48	-

Specimen L-14: Positive for Legionella antigen.

Specimen L-15

Method	***Labs***	***Positive***	***Negative***
Binax NOW	48	-	48

Specimen L-15: Negative for Legionella antigen.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	15	15	-
Meridian ImmunoCard	2	2	-
Meridian Premier	1	1	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	9	9	-

Antigen present in specimen AG-11: *Clostridium difficile*.

Specimen AG-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	15	1	14
Meridian ImmunoCard	2	-	2
Meridian Premier	1	-	1
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	9	-	9

Antigen present in specimen AG-12: Rotavirus.

Specimen AG-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	15	15	-
Meridian ImmunoCard	2	2	-
Meridian Premier	1	1	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	9	9	-

Antigen present in specimen AG-13: *Clostridium difficile.*

Specimen AG-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	15	-	15
Meridian ImmunoCard	2	-	2
Meridian Premier	1	-	1
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	9	-	9

Antigen present in specimen AG-14: Rotavirus.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	15	15	-
Meridian ImmunoCard	2	2	-
Meridian Premier	1	1	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	9	9	-

Antigen present in specimen AG-15: *Clostridium difficile.*

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-11

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	9	-	9
bioMerieux Vidas, Mini Vidas	2	-	2
Fisher HealthCare Sure-Vue	1	-	1
Meridian ImmunoCard	4	-	4
Remel Xpect	2	-	2

Specimen AG-12

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	9	9	-
bioMerieux Vidas, Mini Vidas	2	2	-
Fisher HealthCare Sure-Vue	1	1	-
Meridian ImmunoCard	4	4	-
Remel Xpect	2	2	-

Specimen AG-13

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	9	-	9
bioMerieux Vidas, Mini Vidas	2	-	2
Fisher HealthCare Sure-Vue	1	-	1
Meridian ImmunoCard	4	-	4
Remel Xpect	2	-	2

Specimen AG-14

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	9	9	-
bioMerieux Vidas, Mini Vidas	2	2	-
Fisher HealthCare Sure-Vue	1	1	-
Meridian ImmunoCard	4	4	-
Remel Xpect	2	2	-

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-15

Method	***Labs***	***Positive***	***Negative***
ALL METHODS	9	-	9
bioMerieux Vidas, Mini Vidas	2	-	2
Fisher HealthCare Sure-Vue	1	-	1
Meridian ImmunoCard	4	-	4
Remel Xpect	2	-	2

STREPTOCOCCUS PNEUMONIAE ANTIGEN

Specimen SP-11

Method	***Labs***	***Positive***	***Negative***
Binax NOW	50	50	-

Specimen SP-11: Positive for *Streptococcus pneumoniae* antigen.

Specimen SP-12

Method	***Labs***	***Positive***	***Negative***
Binax NOW	50	1	49

Specimen SP-12: Negative for *Streptococcus pneumoniae* antigen.

Specimen SP-13

Method	***Labs***	***Positive***	***Negative***
Binax NOW	50	50	-

Specimen SP-13: Positive for *Streptococcus pneumoniae* antigen.

Specimen SP-14

Method	***Labs***	***Positive***	***Negative***
Binax NOW	50	1	49

Specimen SP-14: Negative for *Streptococcus pneumoniae* antigen.

Specimen SP-15

Method	***Labs***	***Positive***	***Negative***
Binax NOW	50	50	-

Specimen SP-15: Positive for *Streptococcus pneumoniae* antigen.

PARASITOLOGY

Specimen PA-11

Identification	***Labs***	***Percent***	***Performance***
No parasite seen	2	100%	Acceptable

Parasite present in specimen PA-11: No parasite present.

Specimen PA-12

Identification	***Labs***	***Percent***	***Performance***
Endolimax nana	2	66.67%	Not graded
Blastocystis homimis	1	33.33%	

Parasite present in specimen PA-12: *Endolimax nana*. This is an ungraded challenge due to less than 80% participant consensus.

Specimen PA-13

Identification	***Labs***	***Percent***	***Performance***
Schistosoma mansoni eggs	2	100%	Acceptable

Parasite present in specimen PA-13: *Schistosoma monsoni eggs*.

Specimen PA-14

Identification	***Labs***	***Percent***	***Performance***
Trichuris trichiura eggs	2	100%	Acceptable

Parasite present in specimen PA-14: *Trichuris trichiura eggs.*

Specimen PA-15

Identification	***Labs***	***Percent***	***Performance***
Trypanosoma cruzi	2	100%	Acceptable

Parasite present in specimen PA-15: *Trypanosoma cruzi.*

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