

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

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

Microbiology
MLE – M3

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2011 Evaluation Criteria 2

Microbiology

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2011 Evaluation Criteria

The evaluation criteria used in the 2011 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	Rotavirus Antigen Detection	80% Consensus
Urine Presumptive Identification	80% Consensus	RSV Antigen Detection	80% Consensus
Colony Count	80% Consensus	GC (EIA, DNA)	80% Consensus
Parasite Identification	80% Consensus	Antimicrobial Susceptibility Testing	80% Consensus
Strep A Antigen Detection	80% Consensus	Gram Stain	80% Consensus
Affirm VP III Gardnerella Ag Detection	80% Consensus	Gram Stain Morphology	80% Consensus
Affirm VP III Candida Antigen Detection	80% Consensus	Beta-lactamase Testing	Not Graded
Affirm VP III Trichomonas Ag Detection	80% Consensus	C. Difficile Toxin/Antigen Detection	80% Consensus
Chlamydia (EIA, DNA)	80% Consensus	Dermatophyte Screen	80% Consensus
Cryptosporidium Antigen Detection	80% Consensus	Legionella Antigen Detection	80% Consensus
Giardia lamblia Antigen Detection	80% Consensus	Streptococcus pneumoniae Antigen Detection	80% Consensus
Influenza A/B Antigen Detection	80% Consensus		
Influenza A Antigen Detection	80% Consensus		
Influenza B Antigen Detection	80% Consensus		

THROAT CULTURE

Specimen TC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	97	51.60%	Acceptable
Presump. Pos. Group A Strep	74	39.36%	Acceptable
Streptococcus pyogenes	6	3.19%	Acceptable
Gram positive cocci	1	0.53%	Acceptable
Negative for Group A Strep	10	5.32%	

Organisms present in specimen TC-11: *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	169	93.37%	Acceptable
No growth (sterile)	7	3.87%	Acceptable
Normal flora	1	0.55%	Acceptable
Gram negative diplococci	1	0.55%	Acceptable

Organism present in specimen TC-12: *Neisseria mucosa*.

Specimen TC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	52	50.98%	Acceptable
Presump. Pos. Group A Strep	47	46.08%	Acceptable

Organisms present in specimen TC-13: *Streptococcus pyogenes* and *Neisseria mucosa*.

Specimen TC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	48	54.55%	Acceptable
Presump. Pos. Group A Strep	36	40.91%	Acceptable

Organism present in specimen TC-14: *Streptococcus pyogenes*.

Specimen TC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	84	95.45%	Acceptable
No growth (sterile)	4	4.55%	Acceptable

Organism present in specimen TC-15: *Haemophilus influenzae*.

STREP A ANTIGEN DETECTION

Specimen RS-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
ALL METHODS	620	611	9	277	177	57
Abbott Signify Strep A-waived	3	3	-	2	1	-
BD Chek Strep A	4	4	-	-	2	1
BD Directigen EZ	8	8	-	3	2	-
Beckman Coulter ICON DS	6	6	-	5	1	-
Beckman Coulter ICON SC	5	4	1	1	1	2
Binax NOW Strep A	2	2	-	1	1	-
Cardinal Health Strep A - moderate	2	2	-	-	-	-
Cardinal Health Strep A - waived	18	18	-	5	7	3
Consult Diagnostic Strep A - Moderate	1	1	-	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	65	65	-	7	31	11
Fisher HealthCare Sure-Vue	2	2	-	-	-	-
Fisher HealthCare Sure-Vue - waived	2	2	-	1	1	-
Genzyme OSOM	38	37	1	23	5	1
Genzyme OSOM Ultra Strep A	75	73	2	46	15	-
Henry Schein One Step+ - waived	29	28	1	4	11	5
Immunostics Detector Strep A Direct	13	13	-	-	5	8
Inverness Acceava Strep A Test	19	19	-	3	9	5
Inverness Signify Strep A Dipstick	2	2	-	-	2	-
LifeSign Status Strep A	1	1	-	-	1	-
McKesson Strep A Cassette	2	2	-	-	1	-
McKesson Strep A Dipstick	32	32	-	5	16	4
Other Moderately Complex Method	1	1	-	1	-	-
Other Waived Method	10	10	-	3	4	-
Polymedco Poly Stat Strep A - moderate	1	1	-	1	-	-
Polymedco Poly Stat Strep A - waived	7	7	-	1	6	-
PSS Select Diag. Strep A Dipstick - waived	12	12	-	2	3	7
Quidel QuickVue Dipstick Strep	102	100	2	60	28	1
Quidel QuickVue In-Line	65	63	2	40	12	8
Quidel QuickVue+	75	75	-	58	3	-
Stanbio QuStick Strep A	7	7	-	2	4	-
Wampole Clearview	4	4	-	2	-	-

STREP A ANTIGEN DETECTION

Specimen RS-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	605	9	596
Abbott Signify Strep A-waived	3	-	3
BD Chek Strep A	4	-	4
BD Directigen EZ	8	-	8
Beckman Coulter ICON DS	6	-	6
Beckman Coulter ICON SC	5	1	4
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	2	-	2
Cardinal Health Strep A - waived	18	-	18
Consult Diagnostic Strep A - Moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	62	1	61
Fisher HealthCare Sure-Vue	1	-	1
Fisher HealthCare Sure-Vue - waived	2	-	2
Genzyme OSOM	38	1	37
Genzyme OSOM Ultra Strep A	74	2	72
Henry Schein One Step+ - waived	29	1	28
Immunostics Detector Strep A Direct	13	-	13
Inverness Acceava Strep A Test	18	-	18
Inverness Signify Strep A Dipstick	2	-	2
LifeSign Status Strep A	1	-	1
McKesson Strep A Cassette	2	-	2
McKesson Strep A Dipstick	31	-	31
Other Moderately Complex Method	1	-	1
Other Waived Method	10	1	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	102	2	100
Quidel QuickVue In-Line	63	-	63
Quidel QuickVue+	70	-	70
Stanbio QuStick Strep A	6	-	6
Wampole Clearview	4	-	4

STREP A ANTIGEN DETECTION

Specimen RS-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	194	-	194
BD Chek Strep A	1	-	1
BD Directigen EZ	5	-	5
Beckman Coulter ICON DS	1	-	1
Beckman Coulter ICON SC	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	2	-	2
Cardinal Health Strep A - waived	4	-	4
Consult Diagnostic Strep A Dipstick - Waived	13	-	13
Genzyme OSOM	13	-	13
Genzyme OSOM Ultra Strep A	13	-	13
Henry Schein One Step+ - waived	7	-	7
Immunostics Detector Strep A Direct	1	-	1
Inverness Acceava Strep A Test	4	-	4
McKesson Strep A Cassette	2	-	2
McKesson Strep A Dipstick	9	-	9
Other Moderately Complex Method	1	-	1
Other Waived Method	5	-	5
Polymedco Poly Stat Strep A - moderate	1	-	1
PSS Select Diag. Strep A Dipstick - waived	3	-	3
Quidel QuickVue Dipstick Strep	17	-	17
Quidel QuickVue In-Line	23	-	23
Quidel QuickVue+	61	-	61
Stanbio QuStick Strep A	2	-	2

STREP A ANTIGEN DETECTION

Specimen RS-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	168	-	168
BD Directigen EZ	5	-	5
Beckman Coulter ICON DS	1	-	1
Beckman Coulter ICON SC	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	2	-	2
Cardinal Health Strep A - waived	4	-	4
Consult Diagnostic Strep A Dipstick - Waived	11	-	11
Genzyme OSOM	10	-	10
Genzyme OSOM Ultra Strep A	8	-	8
Henry Schein One Step+ - waived	5	-	5
Immunostics Detector Strep A Direct	1	-	1
Inverness Acceava Strep A Test	4	-	4
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	8	-	8
Other Waived Method	5	-	5
PSS Select Diag. Strep A Dipstick - waived	3	-	3
Quidel QuickVue Dipstick Strep	14	-	14
Quidel QuickVue In-Line	23	-	23
Quidel QuickVue+	56	-	56
Stanbio QuStick Strep A	2	-	2

STREP A ANTIGEN DETECTION

Specimen RS-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
ALL METHODS	168	166	2	78	49	13
BD Directigen EZ	5	5	-	3	2	-
Beckman Coulter ICON DS	1	1	-	1	-	-
Beckman Coulter ICON SC	2	2	-	1	1	-
Binax NOW Strep A	2	2	-	-	1	-
Cardinal Health Strep A - moderate	2	2	-	-	-	-
Cardinal Health Strep A - waived	4	4	-	1	3	-
Consult Diagnostic Strep A Dipstick - Waived	11	11	-	-	6	5
Genzyme OSOM	10	10	-	3	3	1
Genzyme OSOM Ultra Strep A	8	8	-	7	1	-
Henry Schein One Step+ - waived	5	5	-	1	2	-
Immunostics Detector Strep A Direct	1	1	-	-	-	1
Inverness Acceava Strep A Test	4	4	-	-	4	-
McKesson Strep A Cassette	1	1	-	-	1	-
McKesson Strep A Dipstick	8	7	1	1	5	1
Other Waived Method	5	4	1	1	-	2
PSS Select Diag. Strep A Dipstick - waived	3	3	-	1	1	1
Quidel QuickVue Dipstick Strep	14	14	-	8	3	1
Quidel QuickVue In-Line	23	23	-	13	8	1
Quidel QuickVue+	56	56	-	36	7	-
Stanbio QuStick Strep A	2	2	-	1	1	-

GENERAL BACTERIOLOGY

Specimen BA-7 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Serratia marcescens	7	100%	Acceptable

Organism present in specimen BA-7: *Serratia marcescens*.

Specimen BA-8 – Respiratory Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	7	100%	Acceptable

Organisms present in specimen BA-8: *Staphylococcus aureus* and *Corynebacterium* species.

Specimen BA-9 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pseudomonas aeruginosa	8	80%	Acceptable
Staphylococcus epidermidis	2	20%	Acceptable

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

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

Specimen MSA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	6	100%	Acceptable

Organism present in specimen MSA-11: *Staphylococcus aureus*.

Specimen MSA-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	6	100%	Acceptable

Organisms present in specimen MSA-12: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus epidermidis*.

Specimen MSA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	6	100%	Acceptable

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

Specimen MSA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	6	100%	Acceptable

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

Specimen MSA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	5	83.33%	Acceptable
Negative	1	16.67%	

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

URINE CULTURE

Specimen UC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	34	36.17%	Acceptable
Enterococcus sp.	27	28.72%	Acceptable
Gram positive cocci	11	11.70%	Acceptable
Enterococcus (Strep) faecium	8	8.51%	Acceptable
Presump. Enterococcus sp.	5	5.32%	Acceptable
Presump. Gram positive	2	2.13%	Acceptable
Presumptive Streptococcus sp.	1	1.06%	Acceptable

Gram Stain

Gram positive	42	100%	Acceptable
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Gram Stain Morphology

Cocci	40	100%	Acceptable
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Organism present in specimen UC-11: *Enterococcus (Strep) faecium*.

Specimen UC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Klebsiella pneumoniae	30	34.48%	Acceptable
Growth, referred for identification	25	28.74%	Acceptable
Klebsiella sp.	12	13.79%	Acceptable
Gram negative bacilli	8	9.20%	Acceptable
Presump. Klebsiella sp.	6	6.90%	Acceptable
Presump. Gram negative	4	4.60%	Acceptable

Organisms present in specimen UC-12: *Klebsiella pneumoniae* and *Corynebacterium* species.

Specimen UC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	24	38.71%	Acceptable
Proteus vulgaris	16	25.81%	Acceptable
Gram negative bacilli	6	9.68%	Acceptable
Proteus sp.	6	9.68%	Acceptable
Presump. Gram negative	5	8.06%	Acceptable
Presump. Proteus sp.	3	4.84%	Acceptable

Organism present in specimen UC-13: *Proteus vulgaris*.

URINE CULTURE

Specimen UC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	22	84.62%	Acceptable

Organism present in specimen UC-14: No organisms present.

Specimen UC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	8	30.77%	Acceptable
Streptococcus agalactiae	6	23.08%	Acceptable
Presump. Gram positive	3	11.54%	Acceptable
Presumptive Streptococcus sp.	2	7.69%	Acceptable
Strep – beta hemo; not Grp A	2	3.85%	Acceptable
Gram positive cocci	1	3.85%	Acceptable

Organisms present in specimen UC-15: *Streptococcus agalactiae* and *Lactobacillus* species.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-11, CC-11 (SUS-11) The organism present is: *Enterococcus faecium*

<u>Antimicrobial</u>	<u>-----Disk Diffusion-----</u>				<u>-----MIC-----</u>				<u>Acceptable (%)</u>
	<u>Interpretative category data</u>				<u>Interpretative category data</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	2	-	-	2	1	-	-	1	Inappropriate Drug ¹
Amoxicillin/Clavulanate	2	-	-	2	1	-	-	1	100.00%
Ampicillin	29	-	-	29	9	-	-	9	100.00%
Ampicillin/Sulbactam	2	-	-	2	-	-	-	-	100.00%
Carbenicillin	1	-	-	1	-	-	-	-	Inappropriate Drug ¹
Cephalexin	2	-	-	2	-	-	-	-	Inappropriate Drug ¹
Cephalothin	4	-	-	4	2	-	-	2	Inappropriate Drug ¹
Ciprofloxacin	28	-	-	28	15	1	-	14	97.92%
Daptomycin	-	-	-	-	2	1	-	1	Ungraded ²
Doxycycline	2	2	-	-	2	2	-	-	100.00%
Fosfomycin	2	2	-	-	-	-	-	-	Inappropriate Drug ¹
Gentamicin	4	2	2	-	1	1	-	-	Inappropriate Drug ¹
Gentamicin synergy	-	-	-	-	2	2	-	-	100.00%
Levofloxacin	15	-	-	15	11	1	-	10	96.55%
Linezolid	2	2	-	-	4	2	1	1	Ungraded ²
Nitrofurantoin	38	-	1	37	16	2	7	7	82.76%
Norfloxacin	3	-	-	3	2	-	-	2	100.00%
Ofloxacin	-	-	-	-	1	-	-	1	Inappropriate Drug ¹
Penicillin	5	-	-	5	13	-	-	13	100.00%
Quinupristin/Dalfopristin	-	-	-	-	2	2	-	-	100.00%
Rifampin	-	-	-	-	3	-	1	2	Ungraded ²
Streptomycin synergy	-	-	-	-	2	-	-	2	100.00%
Tetracycline	12	10	1	1	11	11	-	-	92.86%
Trimethoprim	1	-	-	1	1	-	-	1	Inappropriate Drug ¹
Trimethoprim/Sulfamethoxazole	7	1	-	6	1	-	-	1	Inappropriate Drug ¹
Vancomycin	17	1	-	16	12	-	-	12	96.88%

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 inappropriate drug for this organism and/or source.

² This is an ungraded challenge due to less than 80% participant consensus.

GENITAL CULTURE

Specimen GC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	19	51.35%	Acceptable
<i>Neisseria gonorrhoeae</i>	14	37.84%	Acceptable
Growth, referred for identification	4	10.81%	Acceptable

Beta-lactamase Testing

Negative	6	100%
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Gram Stain

Gram negative	29	100%	Acceptable
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Gram Stain Morphology

Diplococci	29	100%	Acceptable
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Organism present in specimen GC-11: *Neisseria gonorrhoeae*.

Specimen GC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	12	70.59%	Acceptable
No growth (sterile)	5	29.41%	Acceptable

Organism present in specimen GC-12: *Staphylococcus epidermidis*.

Specimen GC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	14	87.50%	Acceptable
<i>Neisseria gonorrhoeae</i>	2	12.50%	Acceptable

Beta-lactamase Testing

Negative	1	100%
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Organisms present in specimen GC-13: *Neisseria gonorrhoeae* and *Corynebacterium* species.

GENITAL CULTURE

Specimen GC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	12	75.00%	Acceptable
<i>Neisseria gonorrhoeae</i>	3	18.75%	Acceptable

Beta-lactamase Testing

Negative	1	100%
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Organism present in specimen GC-14: *Neisseria gonorrhoeae*.

Specimen GC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	11	68.75%	Acceptable
No growth (sterile)	5	31.25%	Acceptable

Organisms present in specimen GC-15: *Gardnerella vaginalis* and *Staphylococcus epidermidis*.

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	91	9	16	26	40
Bacturcult	3	-	-	2	1
Bulls Eye	5	-	-	2	3
Calibrated Loop	24	-	1	4	19
HealthLink	2	-	-	1	1
Uri-Check	8	-	2	2	4
Uri-Three	1	-	-	1	-
Uricult	43	9	12	12	10

This challenge was graded by 91% referee consensus.

Identification—Specimen CC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	10	43.48%	Acceptable
Growth, referred for identification	6	26.09%	Acceptable
Presump. Enterococcus sp.	3	13.04%	Acceptable
Enterococcus (Strep) faecium	2	8.70%	Acceptable
Enterococcus sp.	1	4.35%	Acceptable

Gram Stain

Gram positive	6	100%	Acceptable
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Gram Stain Morphology

Cocci	6	100%	Acceptable
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Organism present in specimen CC-11: >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	91	2	5	53	31
Bacturcult	3	-	-	2	1
Bulls Eye	5	-	-	2	3
Calibrated Loop	24	-	-	20	4
HealthLink	2	-	-	1	1
Uri-Check	8	1	1	3	3
Uri-Three	1	-	-	1	-
Uricult	43	1	4	21	17

Identification—Specimen CC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	11	44.00%	Acceptable
Growth, referred for identification	5	20.00%	Acceptable
Presump. Klebsiella sp.	4	16.00%	Acceptable
Klebsiella pneumoniae	2	8.00%	Acceptable
Gram negative bacilli	1	4.00%	Acceptable
Klebsiella sp.	1	4.00%	Acceptable

Organisms present in specimen CC-12: 50,000-75,000 CFU/mL of *Klebsiella pneumoniae* 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>
Presump. Gram negative	9	40.91%	Acceptable
Presump. Proteus sp.	4	18.18%	Acceptable
Growth, referred for identification	4	18.18%	Acceptable
Proteus vulgaris	2	9.09%	Acceptable
Proteus sp.	1	4.55%	Acceptable

Organism present in specimen CC-13: >100,000 CFU/mL of *Proteus vulgaris*.

Identification–Specimen CC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	19	86.36%	Acceptable

Organism present in specimen CC-14: No organisms present.

Identification–Specimen CC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	10	45.45%	Acceptable
Growth, referred for identification	5	22.73%	Acceptable
Streptococcus agalactiae	3	13.64%	Acceptable
Presumptive Streptococcus sp.	2	9.09%	Acceptable

Organisms present in specimen CC-15: >100,000 CFU/mL of *Streptococcus agalactiae* and 10,000 CFU/mL of *Lactobacillus* species.

DERMATOPHYTE SCREEN

Specimen DM-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	23	85.19%	Acceptable
Dermatophyte absent	4	14.81%	

Organism present in specimen DM-5: *Epidermophyton floccosum*.

Specimen DM-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	18	66.67%	Not graded
Dermatophyte present	9	33.33%	

Organism present in specimen DM-6: *Penicillium* species. This is an ungraded challenge due to less than 80% referee consensus.

GRAM STAIN

Specimen GS-11

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	27	87.10%	Acceptable
Gram negative	4	12.90%	

Gram Stain Morphology

Cocci	25	89.29%	Acceptable
Diplococci	3	10.71%	

Organism present in specimen GS-11: *Streptococcus pneumoniae*.

Specimen GS-12

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	28	90.32%	Acceptable
Gram negative	3	9.68%	

Gram Stain Morphology

Cocci	24	85.71%	Acceptable
Diplococci	4	14.29%	

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

GRAM STAIN

Specimen GS-13

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	31	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	28	100%	Acceptable
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Organism present in specimen GS-13: *Pseudomonas aeruginosa*.

Specimen GS-14

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	31	100%	Acceptable

Gram Stain Morphology

Cocci	25	89.29%	Acceptable
Diplococci	3	10.71%	

Organism present in specimen GS-14: *Staphylococcus epidermidis*.

Specimen GS-15

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	31	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	24	85.71%	Acceptable
Coccobacilli	3	10.71%	
Diplococci	1	3.57%	

Organism present in specimen GS-15: *Proteus vulgaris*.

AFFIRM VP III–Trichomonas vaginalis

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Organism present in specimen VP-11: *Candida* species

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	34	100%	Acceptable

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

Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Organism present in specimen VP-13: *Gardnerella vaginalis*.

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Organism present in specimen VP-14: *Candida* species.

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

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

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	31	91.18%	Acceptable
Negative	3	8.82%	

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	33	97.06%	Acceptable
Negative	1	2.94%	

AFFIRM VP III–Candida sp.

Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	33	97.06%	Acceptable
Negative	1	2.94%	

Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

AFFIRM VP III–Candida sp.**Specimen VP-13**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	33	97.06%	Acceptable
Negative	1	2.94%	

Specimen VP-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	100%	Acceptable

CHLAMYDIA (ANTIGEN DETECTION)**Specimen CY-11**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	17	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	5	-

Organism present in specimen CY-11: *Chlamydia trachomatis*.

Specimen CY-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	5	-	5

Organism present in specimen CY-12: *Neisseria gonorrhoeae*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	1	15
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	2	1	1
Quidel QuickVue	4	-	4

Organism present in specimen CY-13: *Neisseria gonorrhoeae*.

Specimen CY-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	16	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	4	4	-

Organisms present in specimen CY-14: *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

Specimen CY-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	16	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	4	4	-

Organism present in specimen CY-15: *Chlamydia trachomatis*.

GC (ANTIGEN DETECTION)

Specimen CY-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	-	12
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	2	-	2

Specimen CY-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	12	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-

Specimen CY-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	12	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-

Specimen CY-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	12	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	2	2	-

Specimen CY-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	-	12
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	2	-	2

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	-	4
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	3	-	3

Antigen present in specimen LC-11: *Giardia lamblia*.

Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	4	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	3	3	-

Antigens present in specimen LC-12: *Cryptosporidium* and *Giardia lamblia*.

Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	-	4
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	3	-	3

Antigen present in specimen LC-13: No antigens present

Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	4	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	3	3	-

Antigen present in specimen LC-14: *Cryptosporidium*.

Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	-	4
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	3	-	3

Antigen present in specimen LC-15: No antigens present.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Alexon (Hycor)	1	1	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	5	5	-

Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Alexon (Hycor)	1	1	-
Meridian ImmunoCard STAT	1	1	-
Remel Xpect	5	5	-

Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Alexon (Hycor)	1	-	1
Meridian ImmunoCard STAT	1	-	1
Remel Xpect	5	-	5

RSV ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	49	1
Binax NOW – waived	38	38	-
Fisher HealthCare Sure-Vue - waived	1	1	-
Quidel QuickVue RSV – waived	6	6	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect – waived	2	2	-
Wampole Clearview RSV – waived	1	1	-

Antigen present in specimen V-11: RSV.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	1	49
Binax NOW - waived	38	-	38
Fisher HealthCare Sure-Vue - waived	1	-	1
Quidel QuickVue RSV - waived	6	-	6
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	2	-	2
Wampole Clearview RSV - waived	1	-	1

Antigen present in specimen V-12: Influenza B.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
Binax NOW - waived	10	-	10
Fisher HealthCare Sure-Vue - waived	1	-	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect – waived	2	-	2

Antigen present in specimen V-13: Influenza A.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	17	-
Binax NOW - waived	10	10	-
Fisher HealthCare Sure-Vue - waived	1	1	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	2	2	-

Antigen present in specimen V-14: RSV.

RSV ANTIGEN DETECTION

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
Binax NOW - waived	10	-	10
Fisher HealthCare Sure-Vue - waived	1	-	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	2	-	2

Antigen present in specimen V-15: Influenza A.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	51	2	49
Quidel QuickVue Influenza	46	2	44

Antigen present in specimen V-11: RSV.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	48	2
Quidel QuickVue Influenza	46	44	2

Antigen present in specimen V-12: Influenza B.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	17	-
Quidel QuickVue Influenza	17	17	-

Antigen present in specimen V-13: Influenza A.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	18	-	18
Quidel QuickVue Influenza	17	-	17

Antigen present in specimen V-14: RSV.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	17	-
Quidel QuickVue Influenza	17	17	-

Antigen present in specimen V-15: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	218	2	216
BD Directigen	1	-	1
Binax NOW - waived	106	1	105
Genzyme OSOM Influenza A&B	39	-	39
Quidel QuickVue Influenza A+B	54	-	54
Remel Xpect	5	-	5

Antigen present in specimen V-11: RSV.

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	219	6	213
BD Directigen	1	-	1
Binax NOW - waived	107	2	105
Genzyme OSOM Influenza A&B	39	-	39
Quidel QuickVue Influenza A+B	54	2	52
Remel Xpect	5	-	5

Antigen present in specimen V-12: Influenza B.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	81	81	-
BD Directigen	1	1	-
Binax NOW - waived	24	24	-
Genzyme OSOM Influenza A&B	38	38	-
Quidel QuickVue Influenza A+B	8	8	-
Remel Xpect	5	5	-

Antigen present in specimen V-13: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	80	-	80
BD Directigen	1	-	1
Binax NOW - waived	23	-	23
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	8	-	8
Remel Xpect	5	-	5

Antigen present in specimen V-14: RSV.

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	81	80	1
BD Directigen	1	1	-
Binax NOW - waived	24	24	-
Genzyme OSOM Influenza A&B	38	37	1
Quidel QuickVue Influenza A+B	8	8	-
Remel Xpect	5	5	-

Antigen present in specimen V-15: Influenza A.

INFLUENZA B ANTIGEN DETECTION

Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	218	3	215
BD Directigen	1	-	1
Binax NOW - waived	107	2	105
Genzyme OSOM Influenza A&B	39	-	39
Quidel QuickVue Influenza A+B	50	-	50
Remel Xpect	5	-	5

Antigen present in specimen V-11: RSV.

INFLUENZA B ANTIGEN DETECTION

Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	219	202	17
BD Directigen	1	1	-
Binax NOW - waived	108	105	3
Genzyme OSOM Influenza A&B	39	30	9
Quidel QuickVue Influenza A+B	50	47	3
Remel Xpect	5	5	-

Antigen present in specimen V-12: Influenza B.

Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	81	-	81
BD Directigen	1	-	1
Binax NOW - waived	24	-	24
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	8	-	8
Remel Xpect	5	-	5

Antigen present in specimen V-13: Influenza A.

Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	80	-	80
BD Directigen	1	-	1
Binax NOW - waived	23	-	23
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	8	-	8
Remel Xpect	5	-	5

Antigen present in specimen V-14: RSV.

Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	81	-	81
BD Directigen	1	-	1
Binax NOW - waived	24	-	24
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	8	-	8
Remel Xpect	5	-	5

Antigen present in specimen V-15: Influenza A.

LEGIONELLA ANTIGEN DETECTION

Specimen L-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	51	-	51

Specimen L-11: Negative for Legionella antigen.

Specimen L-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	51	51	-

Specimen L-12: Positive for Legionella antigen.

Specimen L-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	51	51	-

Specimen L-13: Positive for Legionella antigen.

Specimen L-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	51	50	1

Specimen L-14: Positive for Legionella antigen.

Specimen L-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	51	1	50

Specimen L-15: Negative for Legionella antigen.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	13	-
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

Antigens present in specimen AG-11: Rotavirus and *Clostridium difficile*.

Specimen AG-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	-	13
bioMerieux Vidas, Mini Vidas	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	7	-	7

Antigen present in specimen AG-12: Rotavirus.

Specimen AG-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	13	-
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

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

Specimen AG-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	13	-
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

Antigen present in specimen AG-14: *Clostridium difficile*.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	-	13
bioMerieux Vidas, Mini Vidas	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	7	-	7

Antigens present in specimen AG-15: Rotavirus.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	8	-
bioMerieux Vidas, Mini Vidas	3	3	-
Fisher HealthCare Sure-Vue	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-

Specimen AG-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	7	1
bioMerieux Vidas, Mini Vidas	3	3	-
Fisher HealthCare Sure-Vue	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	-	1

Specimen AG-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	-	8
bioMerieux Vidas, Mini Vidas	3	-	3
Fisher HealthCare Sure-Vue	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1

Specimen AG-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	-	8
bioMerieux Vidas, Mini Vidas	3	-	3
Fisher HealthCare Sure-Vue	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	8	-
bioMerieux Vidas, Mini Vidas	3	3	-
Fisher HealthCare Sure-View	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-

STREPTOCOCCUS PNEUMONIAE ANTIGEN

Specimen SP-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	55	-	55

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

Specimen SP-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	55	55	-

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

Specimen SP-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	55	54	1

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

Specimen SP-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	55	1	54

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

Specimen SP-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	55	54	1

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

PARASITOLOGY

Specimen PA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dientamoeba fragilis	2	100%	Acceptable

Parasite present in specimen PA-11: *Dientamoeba fragilis*.

Specimen PA-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	2	100%	Acceptable

Parasite present in specimen PA-12: No parasites present.

Specimen PA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Taenia sp. eggs	2	100%	Acceptable

Parasite present in specimen PA-13: *Taenia* species eggs.

Specimen PA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Clonorchis sinensis	2	100%	Acceptable

Parasite present in specimen PA-14: *Clonorchis sinensis*.

Specimen PA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Plasmodium vivax	1	50%	Acceptable
Plasmodium sp., not falciparum	1	50%	Acceptable

Parasite present in specimen PA-15: *Plasmodium vivax*.

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