

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

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

Microbiology
MLE – M2

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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-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	178	91.75%	Acceptable
No growth (sterile)	4	2.06%	Acceptable
Normal flora	4	2.06%	Acceptable
Gram negative diplococci	2	1.03%	Acceptable
Staphylococcus sp.	1	0.52%	Acceptable
Gram positive cocci	1	0.52%	Acceptable

Organisms present in specimen TC-6: *Staphylococcus epidermidis* and *Neisseria sicca*.

Specimen TC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	104	56.52%	Acceptable
Presump. Pos. Group A Strep	76	41.30%	Acceptable

Organism present in specimen TC-7: *Streptococcus pyogenes*.

Specimen TC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	96	95.05%	Acceptable
No growth (sterile)	1	0.99%	Acceptable

Organism present in specimen TC-8: *Moraxella catarrhalis*.

Specimen TC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	46	52.87%	Acceptable
Presump. Pos. Group A Strep	38	43.68%	Acceptable

Organisms present in specimen TC-9: *Streptococcus pyogenes* and *Streptococcus viridans*.

Specimen TC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	83	95.40%	Acceptable

Organisms present in specimen TC-10: *Streptococcus pneumoniae* and *Neisseria mucosa*.

STREP A ANTIGEN DETECTION

Specimen RS-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	626	5	621
Abbott Signify Strep A-waived	3	-	3
BD Chek Strep A	3	-	3
BD Directigen EZ	13	-	13
Beckman Coulter ICON DS	7	-	7
Beckman Coulter ICON SC	4	-	4
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	7	-	7
Cardinal Health Strep A - waived	15	-	15
Consult Diagnostic Strep A - Moderate	4	-	4
Consult Diagnostic Strep A Dipstick - Waived	54	-	54
Fisher HealthCare Sure-Vue	2	-	2
Fisher HealthCare Sure-Vue - waived	2	-	2
Genzyme OSOM	39	-	39
Genzyme OSOM Ultra Strep A	77	-	77
Henry Schein One Step+ - waived	33	-	33
Immunostics Detector Strep A Direct	15	-	15
Inverness Acceava Strep A Test	18	-	18
Inverness Signify Strep A Dipstick	3	-	3
LifeSign Status Strep A	1	-	1
McKesson Strep A Cassette	7	-	7
McKesson Strep A Dipstick	26	-	26
Other Moderately Complex Method	3	-	3
Other Waived Method	12	-	12
Polymedco Poly Stat Strep A - moderate	1	-	1
Polymedco Poly Stat Strep A - waived	8	-	8
PSS Select Diag. Strep A Dipstick - waived	15	-	15
Quidel QuickVue Dipstick Strep	105	3	102
Quidel QuickVue In-Line	61	1	60
Quidel QuickVue+	71	-	71
Stanbio QuStick Strep A	5	1	4
Wampole Clearview	3	-	3

STREP A ANTIGEN DETECTION

Specimen RS-7

<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	614	603	11	277	177	65
Abbott Signify Strep A-waived	3	3	-	-	1	2
BD Chek Strep A	3	3	-	-	3	-
BD Directigen EZ	13	12	1	8	2	1
Beckman Coulter ICON DS	7	7	-	5	1	1
Beckman Coulter ICON SC	4	4	-	1	2	1
Binax NOW Strep A	2	2	-	1	1	-
Cardinal Health Strep A - moderate	7	7	-	4	1	-
Cardinal Health Strep A - waived	15	15	-	3	5	4
Consult Diagnostic Strep A - Moderate	4	4	-	1	3	-
Consult Diagnostic Strep A Dipstick - Waived	53	53	-	5	25	15
Fisher HealthCare Sure-Vue	1	1	-	-	1	-
Fisher HealthCare Sure-Vue - waived	2	1	1	1	-	-
Genzyme OSOM	39	39	-	21	4	1
Genzyme OSOM Ultra Strep A	76	74	2	52	11	-
Henry Schein One Step+ - waived	33	33	-	8	13	6
Immunostics Detector Strep A Direct	15	14	1	2	8	5
Inverness Acceava Strep A Test	17	17	-	4	7	5
Inverness Signify Strep A Dipstick	3	3	-	-	3	-
LifeSign Status Strep A	1	1	-	1	-	-
McKesson Strep A Cassette	7	7	-	2	3	1
McKesson Strep A Dipstick	25	25	-	5	13	3
Other Moderately Complex Method	3	3	-	-	3	-
Other Waived Method	12	12	-	1	4	2
Polymedco Poly Stat Strep A - moderate	1	1	-	1	-	-
Polymedco Poly Stat Strep A - waived	8	8	-	4	4	-
PSS Select Diag. Strep A Dipstick - waived	14	14	-	4	8	3
Quidel QuickVue Dipstick Strep	104	103	1	61	33	3
Quidel QuickVue In-Line	61	57	4	32	9	10
Quidel QuickVue+	66	66	-	47	3	1
Stanbio QuStick Strep A	5	4	1	1	3	-
Wampole Clearview	3	3	-	-	1	-

STREP A ANTIGEN DETECTION

Specimen RS-8

<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	203	200	3	102	50	12
BD Chek Strep A	1	1	-	-	1	-
BD Directigen EZ	10	10	-	8	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	6	6	-	4	-	-
Cardinal Health Strep A - waived	2	2	-	-	1	-
Consult Diagnostic Strep A - Moderate	3	3	-	1	1	1
Consult Diagnostic Strep A Dipstick - Waived	11	11	-	3	6	1
Genzyme OSOM	14	13	1	4	1	1
Genzyme OSOM Ultra Strep A	12	12	-	8	3	-
Henry Schein One Step+ - waived	8	7	1	1	5	-
Immunostics Detector Strep A Direct	1	1	-	-	-	1
Inverness Acceava Strep A Test	4	4	-	1	3	-
McKesson Strep A Cassette	5	5	-	1	2	1
McKesson Strep A Dipstick	6	6	-	1	4	-
Other Moderately Complex Method	3	3	-	1	2	-
Other Waived Method	5	5	-	1	-	2
Polymedco Poly Stat Strep A - moderate	1	1	-	1	-	-
PSS Select Diag. Strep A Dipstick - waived	2	2	-	-	1	1
Quidel QuickVue Dipstick Strep	21	21	-	7	13	-
Quidel QuickVue In-Line	21	20	1	13	1	3
Quidel QuickVue+	57	57	-	42	2	-
Stanbio QuStick Strep A	2	2	-	1	1	-

STREP A ANTIGEN DETECTION

Specimen RS-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	173	-	173
BD Directigen EZ	10	-	10
Beckman Coulter ICON DS	1	-	1
Beckman Coulter ICON SC	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	6	-	6
Cardinal Health Strep A - waived	2	-	2
Consult Diagnostic Strep A - Moderate	3	-	3
Consult Diagnostic Strep A Dipstick - Waived	9	-	9
Genzyme OSOM	11	-	11
Genzyme OSOM Ultra Strep A	7	-	7
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	4	-	4
McKesson Strep A Dipstick	5	-	5
Other Moderately Complex Method	2	-	2
Other Waived Method	5	-	5
PSS Select Diag. Strep A Dipstick - waived	2	-	2
Quidel QuickVue Dipstick Strep	17	-	17
Quidel QuickVue In-Line	20	-	20
Quidel QuickVue+	51	-	51
Stanbio QuStick Strep A	2	-	2

STREP A ANTIGEN DETECTION

Specimen RS-10

<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	173	173	-	80	48	14
BD Directigen EZ	10	10	-	7	3	-
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	6	6	-	4	-	-
Cardinal Health Strep A - waived	2	2	-	-	1	-
Consult Diagnostic Strep A - Moderate	3	3	-	-	1	2
Consult Diagnostic Strep A Dipstick - Waived	9	9	-	3	4	-
Genzyme OSOM	11	11	-	3	2	-
Genzyme OSOM Ultra Strep A	7	7	-	5	2	-
Henry Schein One Step+ - waived	5	5	-	2	2	1
Immunostics Detector Strep A Direct	1	1	-	-	-	1
Inverness Acceava Strep A Test	4	4	-	2	2	-
McKesson Strep A Cassette	4	4	-	-	3	1
McKesson Strep A Dipstick	5	5	-	2	1	1
Other Moderately Complex Method	2	2	-	1	1	-
Other Waived Method	5	5	-	-	2	1
PSS Select Diag. Strep A Dipstick - waived	2	2	-	-	1	1
Quidel QuickVue Dipstick Strep	17	17	-	4	10	2
Quidel QuickVue In-Line	20	20	-	9	7	1
Quidel QuickVue+	51	51	-	34	4	1
Stanbio QuStick Strep A	2	2	-	1	1	-

GENERAL BACTERIOLOGY

Specimen BA-4 – Respiratory Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Normal flora	3	33.33%	Acceptable
Streptococcus pneumoniae	2	22.22%	Acceptable
Neisseria mucosa	1	11.11%	Acceptable
Neisseria sp.	1	11.11%	Acceptable
Gram negative diplococci	1	11.11%	Acceptable

Organisms present in specimen BA-4: *Streptococcus pneumoniae* and *Neisseria mucosa*.

Specimen BA-5 – Stool Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	3	42.86%	Acceptable
Campylobacter jejuni	1	14.29%	Acceptable
No Salmonella or Shigella isolated	1	14.29%	Acceptable

Organisms present in specimen BA-5: *Escherichia coli* and *Campylobacter jejuni*. This is an ungraded challenge due to less than 80% participant consensus.

Specimen BA-6 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus pyogenes	7	77.78%	Acceptable
Presump. Pos. Group A Strep	1	11.11%	Acceptable

Organism present in specimen BA-6: *Streptococcus pyogenes*.

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

Specimen MSA-6

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

Organisms present in specimen MSA-6: *Staphylococcus aureus* and *Staphylococcus epidermidis*.

Specimen MSA-7

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

Organism present in specimen MSA-7: *Staphylococcus aureus* – Methicillin resistant.

Specimen MSA-8

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

Organisms present in specimen MSA-8: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus epidermidis*.

Specimen MSA-9

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

Organisms present in specimen MSA-9: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus sanguis*.

Specimen MSA-10

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

Organism present in specimen MSA-10: *Staphylococcus aureus* – Methicillin resistant.

URINE CULTURE

Specimen UC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	31	32.29%	Acceptable
Citrobacter freundii	30	31.25%	Acceptable
Citrobacter sp.	16	16.67%	Acceptable
Gram negative bacilli	8	8.33%	Acceptable
Presump. Gram negative	6	6.25%	Acceptable

Gram Stain

Gram negative	38	97.44%	Acceptable
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Gram Stain Morphology

Rods/bacilli	34	97.14%	Acceptable
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Organism present in specimen UC-6: *Citrobacter freundii*

Specimen UC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	34	38.64%	Acceptable
Staphylococcus aureus	30	34.09%	Acceptable
Gram positive cocci	11	12.50%	Acceptable
Presump. Staphylococcus sp.	6	6.82%	Acceptable
Staphylococcus sp.	4	4.55%	Acceptable
Presump. Gram positive	3	3.41%	Acceptable

Organisms present in specimen UC-7: *Staphylococcus aureus* and *Lactobacillus* species.

Specimen UC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	29	45.31%	Acceptable
Escherichia coli	21	32.81%	Acceptable
Presump. Escherichia coli	5	7.81%	Acceptable
Presump. Gram negative	4	6.25%	Acceptable
Gram negative bacilli	2	3.13%	Acceptable
Staph – coagulase negative	1	1.56%	Acceptable
Presump. Gram positive	1	1.56%	Acceptable

Organisms present in specimen UC-8: *Escherichia coli* and *Staphylococcus epidermidis*.

URINE CULTURE

Specimen UC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	11	42.31%	Acceptable
Presump. Gram positive	4	15.38%	Acceptable
Streptococcus agalactiae	4	15.38%	Acceptable
Strep – beta hemo; not Grp A	3	11.54%	Acceptable
Gram positive cocci	1	3.85%	Acceptable
Presumptive Streptococcus sp.	1	3.85%	Acceptable

Organism present in specimen UC-9: *Streptococcus agalactiae*.

Specimen UC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	9	33.33%	Acceptable
Pseudomonas sp.	8	29.63%	Acceptable
Pseudomonas aeruginosa	3	11.11%	Acceptable
Presump. Gram negative	3	11.11%	Acceptable
Presump. Pseudomonas	2	7.41%	Acceptable
Staphylococcus epidermidis	1	3.70%	Acceptable
Gram negative bacilli	1	3.70%	Acceptable

Organisms present in specimen UC-10: *Pseudomonas aeruginosa* and *Staphylococcus epidermidis*.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-6, CC-6 (SUS-6) The organism present is: *Citrobacter freundii*

<u>Antimicrobial</u>	-----Disk Diffusion-----				-----MIC-----				<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	1	1	-	-	5	5	-	-	100%
Amoxicillin/Clavulanate	15	1	1	13	6	-	-	6	92%
Ampicillin	44	15	4	25	10	1	-	9	Ungraded ¹
Ampicillin/Sulbactam	3	2	-	1	4	4	-	-	85.71%
Aztreonam	1	1	-	-	2	2	-	-	100.00%
Carbenicillin	12	12	-	-	-	-	-	-	100.00%
Cefaclor	1	-	-	1	-	-	-	-	100.00%
Cefamandole	1	1	-	-	-	-	-	-	100.00%
Cefazolin	4	-	1	3	8	-	-	8	92.86%
Cefepime	-	-	-	-	5	5	-	-	100.00%
Cefixime	3	3	-	-	-	-	-	-	100.00%
Cefotaxime	1	1	-	-	4	4	-	-	100.00%
Cefotetan	-	-	-	-	1	1	-	-	100.00%
Cefoxitin	1	-	-	1	5	-	-	5	100.00%
Cefpodoxime	1	1	-	-	-	-	-	-	100.00%
Ceftazidime	4	4	-	-	5	5	-	-	100.00%
Ceftriaxone	7	7	-	-	8	8	-	-	100.00%
Cefuroxime	6	6	-	-	4	4	-	-	92.31%
Cephalexin	1	1	-	-	-	-	-	-	Ungraded ¹
Cephalothin	36	-	4	32	7	-	-	7	90.00%
Ciprofloxacin	48	48	-	-	13	13	-	-	100.00%
Doxycycline	4	4	-	-	1	-	1	-	80.00%
Ertapenem	-	-	-	-	1	1	-	-	100.00%
Gatifloxacin	-	-	-	-	1	1	-	-	100.00%
Gentamicin	31	31	-	-	8	8	-	-	100.00%
Imipenem	2	1	1	-	5	5	-	-	85.71%
Levofloxacin	21	21	-	-	10	10	-	-	100.00%
Lomefloxacin	1	1	-	-	-	-	-	-	100.00%
Meropenem	-	-	-	-	1	1	-	-	100.00%
Nalidixic Acid	3	3	-	-	-	-	-	-	100.00%
Nitrofurantoin	50	50	-	-	13	13	-	-	100.00%
Norfloxacin	12	12	-	-	1	1	-	-	100.00%
Ofloxacin	1	1	-	-	1	1	-	-	100.00%
Piperacillin	-	-	-	-	2	2	-	-	100.00%
Piperacillin/Tazobactam	1	1	-	-	4	4	-	-	100.00%
Sulfisoxazole	7	7	-	-	-	-	-	-	100.00%
Tetracycline	14	14	-	-	7	7	-	-	100.00%
Ticarcillin/Clavulanate	1	1	-	-	2	2	-	-	100.00%
Tigecycline	-	-	-	-	1	1	-	-	Inappropriate Drug ²
Tobramycin	3	3	-	-	7	7	-	-	100.00%
Trimethoprim	7	7	-	-	1	1	-	-	100.00%
Trimethoprim/Sulfamethoxazole	51	50	-	1	13	13	-	-	98.63%

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 less than 80% participant consensus.

² This is an inappropriate drug for this organism and/or source

GENITAL CULTURE

Specimen GC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoea	19	52.78%	Acceptable
Neisseria gonorrhoeae	13	36.11%	Acceptable
Growth, referred for identification	4	11.11%	Acceptable

Beta-lactamase Testing

Negative	3	100%
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Gram Stain

Gram negative	29	100%	Acceptable
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Gram Stain Morphology

Diplococci	28	100%	Acceptable
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Organism present in specimen GC-6: *Neisseria gonorrhoeae*.

Specimen GC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	15	93.75%	Acceptable

Organisms present in specimen GC-7: *Staphylococcus aureus* and *Lactobacillus casei*.

Specimen GC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	15	100%	Acceptable

Organism present in specimen GC-8: *Enterococcus faecalis*.

Specimen GC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoea	14	93.33%	Acceptable
Neisseria gonorrhoeae	1	6.67%	Acceptable

Organisms present in specimen GC-9: *Neisseria gonorrhoeae* and *Staphylococcus epidermidis*.

Specimen GC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoea	13	86.67%	Acceptable
Neisseria gonorrhoeae	2	13.33%	Acceptable

Organism present in specimen GC-10: *Neisseria gonorrhoeae*.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-6

<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	94	2	1	16	75
Bacturcult	1	-	-	-	1
Bulls Eye	5	-	-	1	4
Calibrated Loop	29	-	-	6	23
HealthLink	2	-	-	-	2
Uri-Check	10	-	-	-	10
Uri-Three	1	-	-	1	-
Uricult	41	2	1	7	31

Identification–Specimen CC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	13	48.15%	Acceptable
Growth, referred for identification	6	22.22%	Acceptable
Citrobacter freundii	2	7.41%	Acceptable
Citrobacter sp.	1	3.70%	Acceptable

Gram Stain

Gram Negative	5	100%	Acceptable
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Gram Stain Morphology

Rods/bacilli	5	100%	Acceptable
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Organism present in specimen CC-6: >100,000 CFU/mL of *Citrobacter freundii*.

Specimen CC-7

<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	94	3	51	35	5
Bacturcult	1	-	-	1	-
Bulls Eye	5	-	1	3	1
Calibrated Loop	29	-	11	16	2
HealthLink	2	-	-	2	-
Uri-Check	10	2	4	3	1
Uri-Three	1	-	-	1	-
Uricult	41	1	33	6	1

Identification–Specimen CC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	11	40.74%	Acceptable
Growth, referred for identification	6	22.22%	Acceptable
Staphylococcus aureus	4	14.81%	Acceptable
Presump. Staphylococcus sp.	4	14.81%	Acceptable

Organisms present in specimen CC-7: 50,000 CFU/mL of *Staphylococcus aureus* and 9,000 CFU/mL of *Lactobacillus* species.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Identification–Specimen CC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	9	36%	Acceptable
Presump. Escherichia coli	7	28%	Acceptable
Escherichia coli	4	16%	Acceptable
Growth, referred for identification	4	16%	Acceptable

Organisms present in specimen CC-8: >100,000 CFU/mL of *Escherichia coli* and 10,000 CFU/mL of *Staphylococcus epidermidis*.

Identification–Specimen CC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	9	36%	Acceptable
Streptococcus agalactiae	3	12%	Acceptable
Growth, referred for identification	3	12%	Acceptable
Presumptive Streptococcus sp.	2	8%	Acceptable
No growth (sterile)	7	28%	

Organism present in specimen CC-9: >100,000 CFU/mL of *Streptococcus agalactiae*. This challenge was graded by 86% referee consensus.

Identification–Specimen CC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	9	29.03%	Acceptable
Presump. Pseudomonas sp.	8	25.81%	Acceptable
Growth, referred for identification	4	12.90%	Acceptable
Pseudomonas aeruginosa	3	9.68%	Acceptable
Staph – coagulase negative	2	6.45%	Acceptable
Staphylococcus epidermidis	2	6.45%	Acceptable
Pseudomonas sp.	1	3.23%	Acceptable
Presump. Gram positive	1	3.23%	Acceptable
Presump. Staphylococcus sp.	1	3.23%	Acceptable

Organisms present in specimen CC-10: 63,000 CFU/mL of *Pseudomonas aeruginosa* and 4,700 CFU/mL of *Staphylococcus epidermidis*.

DERMATOPHYTE SCREEN

Specimen DM-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	18	78.26%	Acceptable
Dermatophyte absent	5	21.74%	

Organisms present in specimen DM-3: *Microsporum canis* and *Staphylococcus epidermidis*. This challenge was graded by 93% referee consensus.

Specimen DM-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	22	95.65%	Acceptable
Dermatophyte absent	1	4.35%	

Organism present in specimen DM-4: *Trichophyton tonsurans*.

GRAM STAIN

Specimen GS-6

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	27	96.43%	Acceptable
Gram positive	1	3.57%	

Gram Stain Morphology

Robs/bacilli	22	88%	Acceptable
Coccobacilli	3	12%	Acceptable

Organism present in specimen GS-6: *Klebsiella pneumoniae*.

Specimen GS-7

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	22	78.57%	Acceptable
Gram positive	6	21.43%	

This challenge was graded by 93% referee consensus.

Gram Stain Morphology

Diplococci	20	80%	Acceptable
Cocci	5	20%	Acceptable

Organism present in specimen GS-7: *Neisseria mucosa*.

GRAM STAIN

Specimen GS-8

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	28	100%	Acceptable

Gram Stain Morphology

Cocci	20	80%	Acceptable
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Organism present in specimen GS-8: *Staphylococcus epidermidis*.

Specimen GS-9

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	26	92.86%	Acceptable
Gram negative	2	7.14%	

Gram Stain Morphology

Cocci	20	80%	Acceptable
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Organism present in specimen GS-9: *Streptococcus agalactiae*.

Specimen GS-10

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	27	96.43%	Acceptable
Gram positive	1	3.57%	

Gram Stain Morphology

Rods/bacilli	22	88%	Acceptable
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Organism present in specimen GS-10: *Pseudomonas aeruginosa*.

AFFIRM VP III–Trichomonas vaginalis

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	32	100%	Acceptable

Organism present in specimen VP-6: *Trichomonas vaginalis*.

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Organism present in specimen VP-7: *Gardnerella vaginalis*.

Specimen VP-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Organism present in specimen VP-8: *Candida albicans*.

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Organisms present in specimen VP-9: *Gardnerella vaginalis*.

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	32	100%	Acceptable

Organism present in specimen VP-10: *Trichomonas vaginalis*.

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	31	96.88%	Acceptable
Negative	1	3.13%	

Specimen VP-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	31	96.88%	Acceptable
Negative	1	3.13%	

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

AFFIRM VP III–Candida sp.

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

AFFIRM VP III–Candida sp.**Specimen VP-8**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	30	93.75%	Acceptable
Negative	2	6.25%	

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	32	100%	Acceptable

CHLAMYDIA (ANTIGEN DETECTION)**Specimen CY-6**

<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	1	-	1
Quidel QuickVue	5	-	5

Organism present in specimen CY-6: *Neisseria gonorrhoeae*.

Specimen CY-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	15	1
BD ProbeTec	7	6	1
Gen-Probe	3	3	-
Gen-Probe APTIMA	1	1	-
Quidel QuickVue	5	5	-

Organism present in specimen CY-7: *Chlamydia trachomatis*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	1	14
BD ProbeTec	7	1	6
Gen-Probe	3	-	3
Gen-Probe APTIMA	1	-	1
Quidel QuickVue	4	-	4

Organism present in specimen CY-8: No organisms present.

Specimen CY-9

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

Organism present in specimen CY-9: *Chlamydia trachomatis*.

Specimen CY-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	1	14
BD ProbeTec	7	1	6
Gen-Probe	3	-	3
Gen-Probe APTIMA	1	-	1
Quidel QuickVue	4	-	4

Organisms present in specimen CY-10: *Neisseria gonorrhoeae*.

GC (ANTIGEN DETECTION)

Specimen CY-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	9	2
BD ProbeTec	7	7	-
Gen-Probe	3	1	2
Gen-Probe APTIMA	1	1	-

Specimen CY-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	1	-	1

Specimen CY-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	1	-	1

Specimen CY-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	7	-	7
Gen-Probe	3	-	3
Gen-Probe APTIMA	1	-	1

Specimen CY-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	11	-
BD ProbeTec	7	7	-
Gen-Probe	3	3	-
Gen-Probe APTIMA	1	1	-

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-6

<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-6: No antigens present.

Specimen LC-7

<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-7: *Cryptosporidium* and *Giardia lamblia* .

Specimen LC-8

<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-8: No antigens present

Specimen LC-9

<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-9: *Giardia lamblia*.

Specimen LC-10

<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 LC10-: *Cryptosporidium*.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-6

<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-7

<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-8

<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-9

<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-10

<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-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	46	-	46
Binax NOW - waived	36	-	36
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-6: Influenza B.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	46	-	46
Binax NOW - waived	36	-	36
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-7: Influenza A.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
Binax NOW - waived	9	9	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	2	2	-

Antigen present in specimen V-8: RSV.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
Binax NOW - waived	9	9	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	2	2	-

Antigen present in specimen V-9: RSV.

RSV ANTIGEN DETECTION

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
Binax NOW - waived	9	-	9
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	2	-	2

Antigen present in specimen V-10: Influenza A.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	47	46	1
Quidel QuickVue Influenza	44	43	1

Antigen present in specimen V-6: Influenza B.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	47	45	2
Quidel QuickVue Influenza	44	42	2

Antigen present in specimen V-7: Influenza A.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
Quidel QuickVue Influenza	15	-	15

Antigen present in specimen V-8: RSV.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
Quidel QuickVue Influenza	15	-	15

Antigen present in specimen V-9: RSV.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
Quidel QuickVue Influenza	15	15	-

Antigen present in specimen V-10: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	213	2	211
BD Directigen	1	-	1
BD QTest	1	-	1
Binax NOW - waived	102	1	101
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	52	-	52
Remel Xpect	5	-	5
Wampole Clearview	1	-	1

Antigen present in specimen V-6: Influenza B.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	220	214	6
BD Directigen	1	1	-
BD QTest	1	1	-
Binax NOW - waived	105	100	5
Genzyme OSOM Influenza A&B	39	39	-
Quidel QuickVue Influenza A+B	56	56	-
Remel Xpect	5	5	-
Wampole Clearview	1	1	-

Antigen present in specimen V-7: Influenza A.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	73	-	73
BD Directigen	1	-	1
BD QTest	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	5	-	5

Antigen present in specimen V-8: RSV.

INFLUENZA A ANTIGEN DETECTION

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	73	-	73
BD Directigen	1	-	1
BD QTest	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	5	-	5

Antigen present in specimen V-9: RSV.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	73	73	-
BD Directigen	1	1	-
BD QTest	1	1	-
Binax NOW - waived	20	20	-
Genzyme OSOM Influenza A&B	38	38	-
Quidel QuickVue Influenza A+B	5	5	-
Remel Xpect	5	5	-

Antigen present in specimen V-10: Influenza A.

INFLUENZA B ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	220	211	9
BD Directigen	1	1	-
Binax NOW - waived	102	98	4
Genzyme OSOM Influenza A&B	39	34	5
Quidel QuickVue Influenza A+B	54	54	-
Remel Xpect	5	5	-
Wampole Clearview	1	1	-

Antigen present in specimen V-6: Influenza B.

INFLUENZA B ANTIGEN DETECTION

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	213	1	212
BD Directigen	1	-	1
Binax NOW - waived	99	-	99
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	50	-	50
Remel Xpect	5	-	5
Wampole Clearview	1	-	1

Antigen present in specimen V-7: Influenza A.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	73	-	73
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	5	-	5

Antigen present in specimen V-8: RSV.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	73	-	73
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	38	-	38
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	5	-	5

Antigen present in specimen V-9: RSV.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	72	-	72
BD Directigen	1	-	1
Binax NOW - waived	20	-	20
Genzyme OSOM Influenza A&B	37	-	37
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	5	-	5

Antigen present in specimen V-10: Influenza A.

LEGIONELLA ANTIGEN DETECTION

Specimen L-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	53	53	-

Specimen L-6: Positive for Legionella antigen.

Specimen L-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	53	53	-

Specimen L-7: Positive for Legionella antigen.

Specimen L-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	53	-	53

Specimen L-8: Negative for Legionella antigen.

Specimen L-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	53	-	53

Specimen L-9: Negative for Legionella antigen.

Specimen L-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	53	-	53

Specimen L-10: Negative for Legionella antigen.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	11	1
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	6	5	1

Antigen present in specimen AG-6: *Clostridium difficile*.

Specimen AG-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	11	1
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	6	5	1

Antigen present in specimen AG-7: *Clostridium difficile*.

Specimen AG-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	1	11
bioMerieux Vidas, Mini Vidas	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	6	1	5

Antigen present in specimen AG-8: Rotavirus.

Specimen AG-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	1	11
bioMerieux Vidas, Mini Vidas	1	-	1
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	6	1	5

Antigen present in specimen AG-9: Rotavirus.

CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	12	-
bioMerieux Vidas, Mini Vidas	1	1	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	6	6	-

Antigens present in specimen AG-10: *Clostridium difficile* and Rotavirus.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-6

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

Specimen AG-7

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

Specimen AG-8

<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-9

<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	-

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-10

<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-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	57	57	-

Specimen SP-6: Positive for *Streptococcus pneumoniae* antigen.

Specimen SP-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	57	-	57

Specimen SP-7: Negative for *Streptococcus pneumoniae* antigen.

Specimen SP-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	57	-	57

Specimen SP-8: Negative for *Streptococcus pneumoniae* antigen.

Specimen SP-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	57	57	-

Specimen SP-9: Positive for *Streptococcus pneumoniae* antigen.

Specimen SP-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	57	57	-

Specimen SP-10: Positive for *Streptococcus pneumoniae* antigen.

PARASITOLOGY

Specimen PA-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Giardia lamblia	2	100%	Acceptable

Parasite present in specimen PA-6: *Giardia lamblia*.

Specimen PA-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Endolimax nana	2	100%	Acceptable

Parasite present in specimen PA-7: *Endolimax nana*.

Specimen PA-8

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

Parasite present in specimen PA-8: No parasites present.

Specimen PA-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Strongyloides stercoralis larvae	2	100%	Acceptable

Parasite present in specimen PA-9: *Strongyloides stercoralis*.

Specimen PA-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Hymenolepis nana eggs	2	100%	Acceptable

Parasite present in specimen PA-10: *Hymenolepis nana*.

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