

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

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

Microbiology
MLE-M2

Table of Contents

2012 Evaluation Criteria	2
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Microbiology

Throat Culture	3	GC (Antigen Detection)	24
Strep A Antigen Detection.....	4	Cryptosporidium Antigen Detection	25
General Bacteriology	8	Giardia lamblia Antigen Detection.....	26
MRSA Screening	9	RSV Antigen Detection.....	27
Urine Culture	10	Influenza A/B Antigen Detection.....	28
Gram Stain.....	10	Influenza A Antigen Detection	29
Antimicrobial Susceptibility Testing	12	Influenza B Antigen Detection	30
Genital Culture	13	Legionella Antigen Detection.....	32
Gram Stain.....	13	Clostridium Difficile Toxin Antigen Detection	33
Colony Count/Presumptive ID	15	Rotavirus Antigen Detection.....	34
Gram Stain.....	15	Streptococcus pneumoniae Antigen Detection	35
Dermatophyte Screen	18	Parasitology	36
Gram Stain.....	18		
Affirm VP III			
Trichomonas vaginalis.....	20		
Gardnerella vaginalis	21		
Candida sp.	21		
Chlamydia (Antigen Detection).....	22		

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	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	C. Difficile Toxin/Antigen Detection	80% Consensus
Affirm VP III Trichomonas Ag Detection	80% Consensus	Dermatophyte Screen	80% Consensus
Chlamydia (EIA, DNA)	80% Consensus	Legionella Antigen Detection	80% Consensus
Cryptosporidium Antigen Detection	80% Consensus	Streptococcus pneumoniae 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		

THROAT CULTURE

Specimen TC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	160	86.49%	Acceptable
Streptococcus pneumoniae	17	9.19%	Acceptable
Normal flora	1	0.54%	Acceptable

Organism present in specimen TC-6: *Streptococcus pneumoniae*.

Specimen TC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	94	55.62%	Acceptable
Presump. Pos. Group A Strep	68	40.24%	Acceptable
Streptococcus pyogenes	2	1.18%	Acceptable

Organisms present in specimen TC-7: *Streptococcus pyogenes* and *Streptococcus viridans*.

Specimen TC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	92	92.93%	Acceptable
No growth (sterile)	3	3.03%	Acceptable

Organisms present in specimen TC-8: *Moraxella catarrhalis* and *Neisseria mucosa*.

Specimen TC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	46	53.49%	Acceptable
Presump. Pos. Group A Strep	38	44.19%	Acceptable

Organism present in specimen TC-9: *Streptococcus pyogenes*.

Specimen TC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	83	96.51%	Acceptable

Organisms present in specimen TC-10: *Streptococcus viridians* and *Neisseria sicca*.

STREP A ANTIGEN DETECTION

Specimen RS-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	594	583	11
Abbott Signify Strep A-waived	3	3	-
BD Chek Strep A	4	4	-
BD Directigen EZ	3	3	-
Beckman Coulter ICON DS	7	7	-
Beckman Coulter ICON SC	3	3	-
Binax NOW Strep A	2	2	-
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	65	64	1
Fisher HealthCare Sure-Vue - waived	3	3	-
Genzyme OSOM	79	77	2
Genzyme OSOM Ultra Strep A	61	61	-
Henry Schein One Step+ - waived	30	30	-
Immunostics Detector Strep A Direct	10	10	-
Inverness Acceava Strep A Test	17	17	-
Inverness Signify Strep A Dipstick	1	1	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	41	41	-
Other Waived Method	9	8	1
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	98	4
Quidel QuickVue In-Line	60	58	2
Quidel QuickVue+	39	39	-
Stanbio QuStick Strep A	4	4	-
Wampole Clearview	3	3	-

STREP A ANTIGEN DETECTION

Specimen RS-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	582	8	574
Abbott Signify Strep A-waived	3	-	3
BD Chek Strep A	4	-	4
BD Directigen EZ	3	-	3
Beckman Coulter ICON DS	7	-	7
Beckman Coulter ICON SC	3	-	3
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	1	-	1
Cardinal Health Strep A - waived	20	-	20
Consult Diagnostic Strep A - Moderate	2	-	2
Consult Diagnostic Strep A Dipstick - Waived	65	2	63
Fisher HealthCare Sure-Vue - waived	3	-	3
Genzyme OSOM	78	1	77
Genzyme OSOM Ultra Strep A	60	-	60
Henry Schein One Step+ - waived	30	-	30
Immunostics Detector Strep A Direct	10	-	10
Inverness Acceava Strep A Test	16	-	16
Inverness Signify Strep A Dipstick	1	-	1
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	39	-	39
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	11	-	11
Quidel QuickVue Dipstick Strep	100	4	96
Quidel QuickVue In-Line	59	-	59
Quidel QuickVue+	37	-	37
Stanbio QuStick Strep A	4	-	4
Wampole Clearview	3	-	3

STREP A ANTIGEN DETECTION

Specimen RS-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	183	1	182
BD Chek Strep A	2	-	2
Beckman Coulter ICON DS	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	1	-	1
Cardinal Health Strep A - waived	3	-	3
Consult Diagnostic Strep A Dipstick - Waived	12	-	12
Genzyme OSOM	52	1	51
Genzyme OSOM Ultra Strep A	12	-	12
Henry Schein One Step+ - waived	4	-	4
Immunostics Detector Strep A Direct	1	-	1
Inverness Acceava Strep A Test	3	-	3
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	13	-	13
Other Waived Method	4	-	4
Polymedco Poly Stat Strep A - moderate	1	-	1
PSS Select Diag. Strep A Dipstick - waived	2	-	2
Quidel QuickVue Dipstick Strep	14	-	14
Quidel QuickVue In-Line	21	-	21
Quidel QuickVue+	30	-	30
Stanbio QuStick Strep A	2	-	2

STREP A ANTIGEN DETECTION

Specimen RS-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	159	2	157
BD Chek Strep A	1	-	1
Beckman Coulter ICON DS	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - moderate	1	-	1
Cardinal Health Strep A - waived	3	-	3
Consult Diagnostic Strep A Dipstick - Waived	10	-	10
Genzyme OSOM	49	-	49
Genzyme OSOM Ultra Strep A	8	-	8
Henry Schein One Step+ - waived	3	-	3
Immunostics Detector Strep A Direct	1	-	1
Inverness Acceava Strep A Test	3	-	3
McKesson Strep A Cassette	1	-	1
McKesson Strep A Dipstick	9	-	9
Other Waived Method	4	-	4
PSS Select Diag. Strep A Dipstick - waived	2	-	2
Quidel QuickVue Dipstick Strep	11	1	10
Quidel QuickVue In-Line	21	-	21
Quidel QuickVue+	25	-	25
Stanbio QuStick Strep A	2	-	2

Specimen RS-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	159	157	2
BD Chek Strep A	1	1	-
Beckman Coulter ICON DS	2	2	-
Binax NOW Strep A	2	2	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	3	3	-
Consult Diagnostic Strep A Dipstick - Waived	10	10	-
Genzyme OSOM	49	49	-
Genzyme OSOM Ultra Strep A	8	8	-
Henry Schein One Step+ - waived	3	3	-
Immunostics Detector Strep A Direct	1	1	-
Inverness Acceava Strep A Test	3	3	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	9	9	-
Other Waived Method	4	4	-
PSS Select Diag. Strep A Dipstick - waived	2	2	-
Quidel QuickVue Dipstick Strep	11	10	1
Quidel QuickVue In-Line	21	20	1
Quidel QuickVue+	25	25	-
Stanbio QuStick Strep A	2	2	-

GENERAL BACTERIOLOGY

Specimen BA-4 – Spinal Fluid Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Neisseria meningitidis	5	71.43%	Acceptable
Gram negative diplococci	2	28.57%	Acceptable

Organism present in specimen BA-4: *Neisseria meningitidis*.

Specimen BA-5 – Respiratory Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Haemophilus influenzae	5	62.50%	Not graded
Neisseria sp.	1	12.50%	

Organisms present in specimen BA-5: *Haemophilus influenzae* and *Neisseria mucosa*. 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>
Klebsiella pneumoniae	8	88.89%	Acceptable
Staphylococcus epidermidis	1	11.11%	Acceptable

Organisms present in specimen BA-6: *Klebsiella pneumoniae* and *Staphylococcus epidermidis*.

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

Specimen MSA-6

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

Organisms present in specimen MSA-6: *Staphylococcus aureus* – Methicillin resistant and *Moraxella catarrhalis*.

Specimen MSA-7

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

Organisms present in specimen MSA-7: *Staphylococcus aureus* and *Staphylococcus epidermidis*.

Specimen MSA-8

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

Organism present in specimen MSA-9: *Staphylococcus aureus*.

Specimen MSA-10

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

Organisms present in specimen MSA-10: *Staphylococcus aureus* – Methicillin resistant and *Corynebacterium* species.

URINE CULTURE

Specimen UC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	41	46.59%	Acceptable
Growth, referred for identification	29	32.95%	Acceptable
Gram positive cocci	7	7.95%	Acceptable
Presump. Staphylococcus sp.	5	5.68%	Acceptable
Presump. Gram positive	4	4.55%	Acceptable
Staphylococcus sp.	1	1.14%	Acceptable

Gram Stain

Gram positive	39	100%	Acceptable
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Gram Stain Morphology

Cocci	37	100%	Acceptable
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Organism present in specimen UC-6: *Staphylococcus aureus*.

Specimen UC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	23	25.00%	Acceptable
Pseudomonas aeruginosa	21	22.83%	Acceptable
Pseudomonas sp.	18	19.57%	Acceptable
Presump. Pseudomonas sp.	8	8.70%	Acceptable
Gram negative bacilli	6	6.52%	Acceptable
Staph – coagulase neg.	6	6.52%	Acceptable
Staphylococcus epidermidis	5	5.43%	Acceptable
Presump. Gram neg.	4	4.35%	Acceptable

Organisms present in specimen UC-7: *Pseudomonas aeruginosa* and *Staphylococcus epidermidis*.

Specimen UC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	54	94.74%	Acceptable

Organism present in specimen UC-8: No growth (sterile).

URINE CULTURE

Specimen UC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	10	38.46%	Acceptable
Enterococcus sp.	6	23.08%	Acceptable
Presump. Gram positive	3	11.54%	Acceptable
Enterococcus (Strep) faecium	2	7.69%	Acceptable
Gram positive cocci	1	3.85%	Acceptable
Presump. Enterococcus sp.	1	3.85%	Acceptable
Presumptive Streptococcus sp.	1	3.85%	Acceptable

Organism present in specimen UC-9: *Enterococcus (Strep) faecium*.

Specimen UC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	11	39.29%	Acceptable
Growth, referred for identification	10	35.71%	Acceptable
Presump. Gram negative	3	10.71%	Acceptable
Presump. Escherichia coli	1	3.57%	Acceptable
Staph – coagulase neg.	1	3.57%	Acceptable
Staphylococcus epidermidis	1	3.57%	Acceptable
Gram negative bacilli	1	3.57%	Acceptable

Organisms present in specimen UC-10: *Escherichia coli* and *Staphylococcus epidermidis*.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-6, CC-6 (SUS-6) The organism present is: *Staphylococcus aureus*.

<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>	
Amoxicillin/Clavulanate	5	4	-	1	5	5	-	-	92.86%
Ampicillin	11	4	-	7	1	-	-	1	70.59% ¹
Ampicillin/Sulbactam	-	-	-	-	4	4	-	-	100.00%
Carbenicillin	1	-	-	1	-	-	-	-	Not graded ²
Cefaclor	1	1	-	-	-	-	-	-	Not graded ²
Cefazolin	1	1	-	-	2	2	-	-	Not graded ²
Cefepime	-	-	-	-	1	1	-	-	Not graded ²
Cefotaxime	-	-	-	-	1	1	-	-	Not graded ²
Cefoxitin	2	2	-	-	-	-	-	-	Not graded ²
Ceftazidime	1	-	1	-	-	-	-	-	Not graded ²
Ceftriaxone	2	2	-	-	1	1	-	-	Not graded ²
Cephalothin	26	25	1	-	2	2	-	-	96.88%
Ciprofloxacin	27	27	-	-	13	13	-	-	100.00%
Clindamycin	2	2	-	-	4	4	-	-	100.00%
Daptomycin	-	-	-	-	2	2	-	-	Not graded ²
Doxycycline	1	1	-	-	-	-	-	-	Not graded ²
Ertapenem	-	-	-	-	1	1	-	-	Not graded ²
Erythromycin	1	1	-	-	1	1	-	-	Inappropriate drug ³
Gatifloxacin	-	-	-	-	1	1	-	-	Not graded ²
Gentamicin	6	6	-	-	7	7	-	-	100.00%
Imipenem	-	-	-	-	1	1	-	-	Not graded ²
Levofloxacin	10	9	-	1	9	9	-	-	95.65%
Linezolid	2	2	-	-	4	4	-	-	100.00%
Lomefloxacin	1	1	-	-	-	-	-	-	Not graded ²
Moxifloxacin	-	-	-	-	2	2	-	-	Not graded ²
Nitrofurantoin	33	33	-	-	14	14	-	-	100.00%
Norfloxacin	4	4	-	-	1	1	-	-	100.00%
Ofloxacin	1	1	-	-	1	1	-	-	Not graded ²
Oxacillin	20	20	-	-	12	12	-	-	100.00%
Penicillin	7	-	-	7	7	-	-	7	100.00%
Piperacillin/Tazobactam	-	-	-	-	1	1	-	-	Not graded ²
Quinupristin/Dalfopristin	-	-	-	-	2	2	-	-	Not graded ²
Rifampin	2	2	-	-	5	5	-	-	100.00%
Tetracycline	13	13	-	-	11	11	-	-	100.00%
Trimethoprim	4	4	-	-	1	1	-	-	100.00%
Trimethoprim/Sulfamethoxazole	36	35	-	1	13	13	-	-	98.31%
Vancomycin	1	1	-	-	12	12	-	-	100.00%

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 90% referee consensus.

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

³ 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>
Negative for N. gonorrhoeae	21	60.00%	Acceptable
Growth, referred for identification	6	17.14%	Acceptable
Enterococcus sp.	3	8.57%	Acceptable
Enterococcus (Strep) faecalis	3	8.57%	Acceptable

Gram Stain

Gram positive	18	90%	Acceptable
Gram negative	2	10%	

Gram Stain Morphology

Cocci	20	95.24%	Acceptable
Diplococci	1	4.76%	

Organisms present in specimen GC-6: *Enterococcus (Strep) faecalis* and *Staphylococcus epidermidis*.

Specimen GC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	14	93.33%	Acceptable
No growth (sterile)	1	6.67%	Acceptable

Organism present in specimen GC-7: *Staphylococcus aureus*.

Specimen GC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	12	85.71%	Acceptable
Neisseria gonorrhoeae	6	42.86%	Acceptable

Organism present in specimen GC-8: *Neisseria gonorrhoeae*.

GENITAL CULTURE

Specimen GC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	8	57.14%	Acceptable
No growth (sterile)	6	42.86%	

Organisms present in specimen GC-9: *Streptococcus* Group B and *Lactobacillus casei*. This challenge was graded by 80% referee consensus.

Specimen GC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	11	78.57%	Acceptable
Neisseria gonorrhoeae	3	21.43%	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	86	-	4	37	45
Bacturcult	3	-	-	1	2
Bulls Eye	5	-	1	2	2
Calibrated Loop	25	-	-	10	15
HealthLink	2	-	-	-	2
Uri-Check	8	-	-	4	4
Uri-Three	1	-	-	1	-
Uricult	37	-	3	18	16

Identification–Specimen CC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	9	39.13%	Acceptable
Growth, referred for identification	7	30.43%	Acceptable
Presump. Staphylococcus sp.	4	17.39%	Acceptable
Staphylococcus aureus	3	13.04%	Acceptable

Gram Stain

Gram positive	5	100%	Acceptable
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Gram Stain Morphology

Cocci	5	100%	Acceptable
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Organism present in specimen CC-6: >100,000 CFU/mL of *Staphylococcus aureus*.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

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	85	4	19	56	6
Bacturcult	3	-	-	3	-
Bulls Eye	5	-	1	3	1
Calibrated Loop	24	-	3	18	3
HealthLink	2	-	-	2	-
Uri-Check	8	-	3	5	-
Uri-Three	1	1	-	-	-
Uricult	37	3	11	21	2

The Colony Count for CC-7 was graded by 91% referee consensus.

Identification—Specimen CC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	9	33.33%	Acceptable
Growth, referred for identification	6	22.22%	Acceptable
Presump. Pseudomonas sp.	4	14.81%	Acceptable
Pseudomonas aeruginosa	3	11.11%	Acceptable
Presump. Gram positive	2	7.41%	Acceptable
Staphylococcus epidermidis	1	3.70%	Acceptable
Gram positive cocci	1	3.70%	Acceptable

Organisms present in specimen CC-7: 51,000 CFU/mL of *Pseudomonas aeruginosa* and 5,400 CFU/mL of *Staphylococcus epidermidis*.

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Identification–Specimen CC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	21	100%	Acceptable

Organism present in specimen CC-8: No growth (sterile).

Identification–Specimen CC-9

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

Organism present in specimen CC-9: >100,000 CFU/mL of *Enterococcus (Strep) faecium*.

Identification–Specimen CC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	8	38.10%	Acceptable
Presump. Escherichia coli	7	33.33%	Acceptable
Growth, referred for identification	4	19.05%	Acceptable
Escherichia coli	2	9.52%	Acceptable

Organisms present in specimen CC-10: >100,000 CFU/mL of *Escherichia coli* and 4,000 CFU/mL of *Staphylococcus epidermidis*.

DERMATOPHYTE SCREEN

Specimen DM-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	30	100%	Acceptable

Organism present in specimen DM-3: *Staphylococcus aureus*.

Specimen DM-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	22	73.33%	Acceptable
Dermatophyte absent	8	26.67%	

Organism present in specimen DM-4: *Epidermophyton floccosum*. This challenge was graded by 80% referee consensus.

GRAM STAIN

Specimen GS-6

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	27	100%	Acceptable

Gram Stain Morphology

Cocci	23	95.83%	Acceptable
Diplococci	1	4.17%	

Organism present in specimen GS-6: *Staphylococcus epidermidis*.

Specimen GS-7

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	27	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	23	95.83%	Acceptable
Coccobacilli	1	4.17%	

Organism present in specimen GS-7: *Pseudomonas aeruginosa*.

GRAM STAIN

Specimen GS-8

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	27	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	21	87.50%	Acceptable
Coccobacilli	3	12.50%	

Organism present in specimen GS-8: *Proteus vulgaris*.

Specimen GS-9

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	27	100%	Acceptable

Gram Stain Morphology

Cocci	19	79.17%	Acceptable
Diplococci	4	16.67%	
Coccobacilli	1	4.17%	

The Gram Stain Morphology was graded by 92% referee consensus.

Organism present in specimen GS-9: *Streptococcus pneumoniae*.

Specimen GS-10

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	23	85.19%	Acceptable
Gram positive	4	14.81%	

Gram Stain Morphology

Diplococci	20	83.33%	Acceptable
Cocci	4	16.67%	

Organism present in specimen GS-10: *Neisseria mucosa*.

AFFIRM VP III–*Trichomonas vaginalis*

Specimen VP-6

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

Organism present in specimen VP-6: *Candida* species.

Specimen VP-7

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

Organisms present in specimen VP-7: *Trichomonas vaginalis* and *Gardnerella vaginalis*.

Specimen VP-8

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

Organism present in specimen VP-8: *Gardnerella vaginalis*.

Specimen VP-9

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

Organism present in specimen VP-9: *Candida* species.

Specimen VP-10

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

Specimen VP-7

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

Specimen VP-8

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

Specimen VP-9

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

Specimen VP-10

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

AFFIRM VP III–Candida sp.

Specimen VP-6

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

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	24	70.59%	Acceptable
Positive	10	29.41%	

This challenge was graded by 90% referee consensus.

AFFIRM VP III–Candida sp.

Specimen VP-8

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

Specimen VP-9

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

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	34	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	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	5	-

Organism present in specimen CY-6: *Chlamydia trachomatis*.

Specimen CY-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
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-7: *Neisseria gonorrhoeae*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-8

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

Organism present in specimen CY-8: *Neisseria gonorrhoeae*.

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	2	-	2
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	4	-	4

Organism present in specimen CY-9: No organism present.

Specimen CY-10

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

Organism present in specimen CY-10: *Chlamydia trachomatis*.

GC (ANTIGEN DETECTION)

Specimen CY-6

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

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	2	2	-
Gen-Probe APTIMA	2	2	-

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	2	2	-
Gen-Probe APTIMA	2	2	-

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	2	-	2
Gen-Probe APTIMA	2	-	2

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	2	-	2
Gen-Probe APTIMA	2	-	2

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	-

Antigens present in specimen LC-6: *Cryptosporidium* and *Giardia lamblia*.

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

Antigen present in specimen LC-7: No antigens present.

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: *Giardia lamblia*.

Specimen LC-9

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

Antigen present in specimen LC-9: *Cryptosporidium*. This is an ungraded challenge due to less than 80% participant consensus.

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 LC-10: *Giardia lamblia*.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	5	2
Meridian ImmunoCard STAT	1	1	-
Remel RIM Immuno	1	-	1
Remel Xpect	4	3	1

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

Specimen LC-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Meridian ImmunoCard STAT	1	-	1
Remel RIM Immuno	1	-	1
Remel Xpect	4	-	4

Specimen LC-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Meridian ImmunoCard STAT	1	1	-
Remel RIM Immuno	1	1	-
Remel Xpect	4	4	-

Specimen LC-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Meridian ImmunoCard STAT	1	-	1
Remel RIM Immuno	1	-	1
Remel Xpect	4	-	4

Specimen LC-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Meridian ImmunoCard STAT	1	1	-
Remel RIM Immuno	1	1	-
Remel Xpect	4	4	-

RSV ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	-	50
Binax NOW - waived	38	-	38
Quidel QuickVue RSV - waived	7	-	7
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1
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	50	50	-
Binax NOW - waived	38	38	-
Quidel QuickVue RSV - waived	7	7	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	1	1	-
Wampole Clearview RSV - waived	1	1	-

Antigen present in specimen V-7: RSV.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	-	12
Binax NOW - waived	8	-	8
Quidel QuickVue RSV - waived	2	-	2
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1

Antigen present in specimen V-8: Influenza A.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	12	-
Binax NOW - waived	8	8	-
Quidel QuickVue RSV - waived	2	2	-
Quidel QuickVue RSV 10 Test	1	1	-
Remel Xpect - waived	1	1	-

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	12	-	12
Binax NOW - waived	8	-	8
Quidel QuickVue RSV - waived	2	-	2
Quidel QuickVue RSV 10 Test	1	-	1
Remel Xpect - waived	1	-	1

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	43	43	-
Quidel QuickVue Influenza	41	41	-

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	45	-	45
Quidel QuickVue Influenza	42	-	42

Antigen present in specimen V-7: RSV.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	14	1
Quidel QuickVue Influenza	15	14	1

Antigen present in specimen V-8: Influenza A.

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	232	4	228
BD Directigen	1	-	1
Binax NOW - waived	111	2	109
Genzyme OSOM Influenza A&B	50	1	49
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	52	-	52
Remel Xpect	3	-	3

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	235	2	233
BD Directigen	1	-	1
Binax NOW - waived	114	-	114
Genzyme OSOM Influenza A&B	50	-	50
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	51	1	50
Remel Xpect	3	-	3

Antigen present in specimen V-7: RSV.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	82	-
BD Directigen	1	1	-
Binax NOW - waived	22	22	-
Genzyme OSOM Influenza A&B	48	48	-
Other Waived Method	1	1	-
Quidel QuickVue Influenza A+B	5	5	-
Remel Xpect	3	3	-

Antigen present in specimen V-8: Influenza A.

INFLUENZA A ANTIGEN DETECTION

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	-	82
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	48	-	48
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-9: RSV.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	80	2
BD Directigen	1	-	1
Binax NOW - waived	22	21	1
Genzyme OSOM Influenza A&B	48	48	-
Other Waived Method	1	1	-
Quidel QuickVue Influenza A+B	5	5	-
Remel Xpect	3	3	-

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	235	229	6
BD Directigen	1	1	-
Binax NOW - waived	113	110	3
Genzyme OSOM Influenza A&B	50	49	1
Other Waived Method	1	1	-
Quidel QuickVue Influenza A+B	51	50	1
Remel Xpect	3	3	-

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	233	1	232
BD Directigen	1	-	1
Binax NOW - waived	111	1	110
Genzyme OSOM Influenza A&B	50	-	50
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	50	-	50
Remel Xpect	3	-	3

Antigen present in specimen V-7: RSV.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	-	82
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	48	-	48
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-8: Influenza A.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	-	82
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	48	-	48
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

Antigen present in specimen V-9: RSV.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	82	-	82
BD Directigen	1	-	1
Binax NOW - waived	22	-	22
Genzyme OSOM Influenza A&B	48	-	48
Other Waived Method	1	-	1
Quidel QuickVue Influenza A+B	5	-	5
Remel Xpect	3	-	3

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	49	1	48

Specimen L-6: Negative for Legionella antigen.

Specimen L-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	49	48	1

Specimen L-7: Positive for Legionella antigen.

Specimen L-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	49	-	49

Specimen L-8: Negative for Legionella antigen.

Specimen L-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	49	2	47

Specimen L-9: Negative for Legionella antigen.

Specimen L-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	49	48	1

Specimen L-10: Positive 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	14	-	14
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	7	-	7

Antigen present in specimen AG-6: Rotavirus.

Specimen AG-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	14	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

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	14	14	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

Antigens present in specimen AG-8: *Clostridium difficile* and Rotavirus.

Specimen AG-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Meridian ImmunoCard	3	-	3
Remel Xpect	1	-	1
Wampole C. diff Quik Chek	7	-	7

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	14	14	-
Meridian ImmunoCard	3	3	-
Remel Xpect	1	1	-
Wampole C. diff Quik Chek	7	7	-

Antigen present in specimen AG-10: *Clostridium difficile*.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-6

<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-7

<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-8

<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-9

<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-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-Vue	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	50	50	-

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	50	50	-

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

Specimen SP-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	50	-	50

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	49	-	49

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

Specimen SP-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	50	50	-

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

PARASITOLOGY

Specimen PA-6

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

Parasite present in specimen PA-6: *Dientamoeba fragilis*.

Specimen PA-7

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

Parasite present in specimen PA-7: No parasite present.

Specimen PA-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Ascaris lumbricoides eggs	2	100%	Acceptable

Parasite present in specimen PA-8: *Ascaris lumbricoides* eggs.

Specimen PA-9

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

Parasite present in specimen PA-9: *Taenia sp.* eggs.

Specimen PA-10

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

Parasite present in specimen PA-10: *Strongyloides stercoralis* larvae.

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