

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

2 • 0 • 1 • 6

Microbiology
2016 MLE-M2



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

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Evaluation Criteria

The evaluation criteria used in the MLE Program is in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA '88) federal requirements for proficiency testing. The criteria are included below.

Qualitative

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

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

THROAT CULTURE

Specimen TC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	80	56.34%	Acceptable
Presump. Pos. Group A Strep	47	33.10%	Acceptable
Streptococcus pyogenes	10	7.04%	Acceptable

Organisms present in specimen TC-6: *Streptococcus pyogenes* and *Neisseria mucosa*.

Specimen TC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	125	83.89%	Acceptable
Haemophilus influenzae	21	14.09%	Acceptable

Organisms present in specimen TC-7: *Haemophilus influenzae* and *Neisseria sicca*.

Specimen TC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	44	53.66%	Acceptable
Presump. Pos. Group A Strep	37	45.12%	Acceptable

Organism present in specimen TC-8: *Streptococcus pyogenes*.

Specimen TC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	73	94.81%	Acceptable

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

Specimen TC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	76	98.70%	Acceptable

Organisms present in specimen TC-10: *Moraxella catarrhalis* and *Corynebacterium sp.*

STREP A ANTIGEN DETECTION

Specimen RS-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	532	5	527
Abbott Signify Strep A-waived	3	-	3
Alere Acceava Strep A Test	11	-	11
Alere Signify Strep A Dipstick	1	-	1
BD Chek Strep A	4	-	4
BD Veritor - waived	5	-	5
Beckman Coulter ICON DS	1	-	1
Beckman Coulter ICON SC	2	-	2
Binax NOW Strep A	2	-	2
Cardinal Health Strep A - waived	8	1	7
Consult Diagnostic Strep A Dipstick - Waived	82	1	81
Fisher HealthCare Sure-Vue - waived	1	-	1
Germaine Laboratories StrepAim	4	-	4
Henry Schein One Step+ - waived	43	1	42
Immunostics Detector Strep A Direct	2	-	2
McKesson Strep A Dipstick	17	-	17
Other Waived Method	25	-	25
Polymedco Poly Stat Strep A - waived	6	-	6
PSS Select Diag. Strep A Dipstick - waived	4	-	4
Quidel QuickVue Dipstick Strep	79	-	79
Quidel QuickVue In-Line	53	1	52
Quidel QuickVue+	15	-	15
Quidel Sofia - waived	2	-	2
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	9	-	9
Sekisui OSOM	88	-	88
Sekisui OSOM Ultra Strep A	60	1	59

STREP A ANTIGEN DETECTION

Specimen RS-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	527	509	18
Abbott Signify Strep A-waived	3	3	-
Alere Acceava Strep A Test	10	10	-
Alere Signify Strep A Dipstick	1	1	-
BD Chek Strep A	4	3	1
BD Veritor - waived	5	5	-
Beckman Coulter ICON DS	1	1	-
Beckman Coulter ICON SC	2	2	-
Binax NOW Strep A	2	2	-
Cardinal Health Strep A - waived	8	6	2
Consult Diagnostic Strep A Dipstick - Waived	80	78	2
Fisher HealthCare Sure-Vue - waived	1	1	-
Germaine Laboratories StrepAim	4	4	-
Henry Schein One Step+ - waived	43	40	3
Immunostics Detector Strep A Direct	2	2	-
McKesson Strep A Dipstick	17	16	1
Other Waived Method	25	24	1
Polymedco Poly Stat Strep A - waived	6	6	-
PSS Select Diag. Strep A Dipstick - waived	4	4	-
Quidel QuickVue Dipstick Strep	78	77	1
Quidel QuickVue In-Line	53	51	2
Quidel QuickVue+	14	14	-
Quidel Sofia - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	9	9	-
Sekisui OSOM	88	88	-
Sekisui OSOM Ultra Strep A	60	55	5

STREP A ANTIGEN DETECTION

Specimen RS-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	76	1	75
Alere Acceava Strep A Test	3	-	3
BD Chek Strep A	2	1	1
BD Veritor - waived	1	-	1
Beckman Coulter ICON SC	1	-	1
Binax NOW Strep A	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	12	-	12
Henry Schein One Step+ - waived	1	-	1
McKesson Strep A Dipstick	3	-	3
Other Waived Method	2	-	2
PSS Select Diag. Strep A Dipstick - waived	1	-	1
Quidel QuickVue Dipstick Strep	12	-	12
Quidel QuickVue In-Line	17	-	17
Quidel QuickVue+	7	-	7
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	3	-	3
Sekisui OSOM	1	-	1
Sekisui OSOM Ultra Strep A	6	-	6

STREP A ANTIGEN DETECTION

Specimen RS-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	75	75	-
Alere Acceava Strep A Test	3	3	-
BD Chek Strep A	2	2	-
BD Veritor - waived	1	1	-
Beckman Coulter ICON SC	1	1	-
Binax NOW Strep A	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	12	12	-
Henry Schein One Step+ - waived	1	1	-
McKesson Strep A Dipstick	3	3	-
Other Waived Method	2	2	-
Quidel QuickVue Dipstick Strep	12	12	-
Quidel QuickVue In-Line	17	17	-
Quidel QuickVue+	7	7	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	3	3	-
Sekisui OSOM	1	1	-
Sekisui OSOM Ultra Strep A	6	6	-

Specimen RS-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	75	2	73
Alere Acceava Strep A Test	3	-	3
BD Chek Strep A	2	-	2
BD Veritor - waived	1	-	1
Beckman Coulter ICON SC	1	-	1
Binax NOW Strep A	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	12	-	12
Henry Schein One Step+ - waived	1	-	1
McKesson Strep A Dipstick	3	-	3
Other Waived Method	2	-	2
Quidel QuickVue Dipstick Strep	12	1	11
Quidel QuickVue In-Line	17	1	16
Quidel QuickVue+	7	-	7
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	3	-	3
Sekisui OSOM	1	-	1
Sekisui OSOM Ultra Strep A	6	-	6

GENERAL BACTERIOLOGY

Specimen BA-4 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Acinetobacter sp.	3	42.86%	Acceptable
Acinetobacter baumannii	3	42.86%	Acceptable
Gram negative bacilli	1	14.29%	Acceptable

Organism present in specimen BA-4: *Acinetobacter baumannii*.

Specimen BA-5 – Stool Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	5	55.56%	Acceptable
Campylobacter jejuni	2	22.22%	Acceptable

Organisms present in specimen BA-5: *Escherichia coli* and *Campylobacter jejuni*.

Specimen BA-6 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	8	53.33%	Acceptable
Enterococcus sp.	5	33.33%	Acceptable
Enterococcus (Strep) faecalis	2	13.33%	Acceptable

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

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 *Klebsiella pneumoniae*.

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: *Streptococcus pyogenes* and *Streptococcus sanguis*.

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>
Positive	5	100%	Acceptable

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

Specimen MSA-10

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

Organisms present in specimen MSA-10: *Staphylococcus aureus* and *Corynebacterium sp.*

URINE CULTURE

Specimen UC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Klebsiella pneumoniae	45	65.22%	Acceptable
Growth, referred for identification	8	11.59%	Acceptable
Gram negative bacilli	6	8.70%	Acceptable
Presump. Gram negative	4	5.80%	Acceptable
Klebsiella sp.	3	4.35%	Acceptable
Presump. Klebsiella sp.	1	1.45%	Acceptable

Gram Stain

Gram negative	38	100%	Acceptable
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Gram Stain Morphology

Rods/bacilli	38	100%	Acceptable
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Organism present in specimen UC-6: *Klebsiella pneumoniae*.

Specimen UC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus saprophyticus	34	54.84%	Acceptable
Growth, referred for identification	12	19.35%	Acceptable
Gram positive cocci	5	8.06%	Acceptable
Staph – coagulase negative	3	4.84%	Acceptable
Staphylococcus epidermidis	2	3.23%	Acceptable
Presump. Staphylococcus sp.	2	3.23%	Acceptable
Staphylococcus sp.	2	3.23%	Acceptable
Presump. Gram positive	1	1.61%	Acceptable

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

Specimen UC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Proteus vulgaris	17	41.46%	Acceptable
Growth, referred for identification	9	21.95%	Acceptable
Presump. Gram negative	4	9.76%	Acceptable
Gram negative bacilli	4	9.76%	Acceptable
Proteus sp.	2	4.88%	Acceptable

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

URINE CULTURE

Specimen UC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Enterococcus sp.	6	35.29%	Acceptable
Enterococcus (Strep) faecalis	3	17.65%	Acceptable
Growth, referred for identification	3	17.65%	Acceptable
Presump. Enterococcus sp.	2	11.76%	Acceptable
Presump. Gram positive	1	5.88%	Acceptable

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

Specimen UC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	9	52.94%	Acceptable
Growth, referred for identification	4	23.53%	Acceptable
Presump. Staphylococcus sp.	2	11.76%	Acceptable
Presump. Gram positive	1	5.88%	Acceptable
Gram positive cocci	1	5.88%	Acceptable

Organisms present in specimen UC-10: *Staphylococcus aureus* and *Lactobacillus* species.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

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

<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	-	-	-	-	1	1	-	-	Not graded ¹
Amoxicillin/Clavulanate	10	10	-	-	4	4	-	-	100.00%
Ampicillin	33	-	-	33	5	-	-	5	100.00%
Ampicillin/Sulbactam	-	-	-	-	3	3	-	-	Not graded ¹
Cefaclor	1	1	-	-	-	-	-	-	Not graded ¹
Cefamandole	1	1	-	-	-	-	-	-	Not graded ¹
Cefazolin	11	11	-	-	6	6	-	-	100.00%
Cefepime	-	-	-	-	2	2	-	-	Not graded ¹
Cefixime	6	6	-	-	-	-	-	-	100.00%
Cefoxitin	-	-	-	-	2	2	-	-	Not graded ¹
Cefpodoxime	2	2	-	-	-	-	-	-	Not graded ¹
Ceftazidime	2	2	-	-	3	3	-	-	100.00%
Ceftriaxone	5	5	-	-	4	4	-	-	100.00%
Cefuroxime	9	8	1	-	1	1	-	-	88.89%
Cephalothin	23	23	-	-	2	2	-	-	100.00%
Ciprofloxacin	33	33	-	-	6	6	-	-	100.00%
Doxycycline	1	1	-	-	-	-	-	-	Not graded ¹
Ertapenem	-	-	-	-	1	1	-	-	Not graded ¹
Gentamicin	24	24	-	-	5	5	-	-	100.00%
Imipenem	-	-	-	-	2	2	-	-	Not graded ¹
Levofloxacin	8	8	-	-	5	5	-	-	100.00%
Meropenem	-	-	-	-	2	2	-	-	Not graded ¹
Nalidixic Acid	1	1	-	-	-	-	-	-	Not graded ¹
Nitrofurantoin	30	29	1	-	6	5	1	-	82.69%
Norfloxacin	7	7	-	-	-	-	-	-	100.00%
Piperacillin/Tazobactam	2	2	-	-	4	4	-	-	100.00%
Sulfisoxazole	4	2	-	2	-	-	-	-	Not graded ¹
Tetracycline	17	17	-	-	-	-	-	-	100.00%
Tobramycin	4	4	-	-	4	4	-	-	100.00%
Trimethoprim	3	3	-	-	1	1	-	-	Not graded ¹
Trimethoprim/Sulfamethoxazole	32	31	-	1	6	6	-	-	98.21%

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

¹ This is an ungraded challenge due to lack of comparison group.

GENITAL CULTURE

Specimen GC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	27	51.92%	Acceptable
Streptococcus agalactiae	22	42.31%	Acceptable

Gram Stain

Gram positive	16	94.12%	Acceptable
Gram negative	1	5.88%	

Gram Stain Morphology

Cocci	16	94.12%	Acceptable
Diplococci	1	5.88%	

Organisms present in specimen GC-6: *Streptococcus agalactiae* and *Staphylococcus epidermidis*.

Specimen GC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	10	83.33%	Acceptable
Neisseria gonorrhoeae	2	16.67%	Acceptable

Organisms present in specimen GC-7: *Neisseria gonorrhoeae* and *Corynebacterium* species.

Specimen GC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhea	10	83.33%	Acceptable
Neisseria gonorrhoeae	2	16.67%	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	12	92.31%	Acceptable
Gram positive cocci	1	7.69%	Acceptable

Organisms present in specimen GC-9: *Enterococcus faecalis* and *Corynebacterium* sp.

Specimen GC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	11	84.62%	Acceptable
No growth (sterile)	2	15.38%	

Organism present in specimen GC-10: *Staphylococcus epidermidis*.

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	71	3	-	-	68
Calibrated Loop	24	-	-	-	24
HealthLink	2	-	-	-	2
Uri-Check	8	-	-	-	8
Uricult	34	2	-	-	32

Identification–Specimen CC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	8	57.14%	Acceptable
Growth, referred for identification	5	35.71%	Acceptable
Presump. Klebsiella sp.	1	7.14%	Acceptable

Organism present in specimen CC-6: >100,000 CFU/mL of *Klebsiella pneumoniae*.

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	70	2	1	14	53
Calibrated Loop	24	-	-	2	22
HealthLink	2	-	-	-	2
Uri-Check	7	-	-	-	7
Uricult	34	2	-	12	20

Identification–Specimen CC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	6	42.86%	Acceptable
Growth, referred for identification	4	28.57%	Acceptable
Presump. Staphylococcus sp.	3	21.43%	Acceptable

Organisms present in specimen CC-7: >100,000 CFU/mL of *Staphylococcus saprophyticus* and <10,000 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>
Presump. Gram negative	5	41.67%	Acceptable
Growth, referred for identification	4	33.33%	Acceptable
Presump. Proteus sp.	1	8.33%	Acceptable

Organism present in specimen CC-8: 50,000 - 75,000 CFU/mL of *Proteus vulgaris*.

Identification–Specimen CC-9

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

Organism present in specimen CC-9: >100,000 CFU/mL of *Enterococcus faecalis*.

Identification–Specimen CC-10

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

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

DERMATOPHYTE SCREEN

Specimen DM-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	12	100%	Acceptable

Organism present in specimen DM-3: *Trichophyton tonsurans*.

Specimen DM-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	11	91.67%	Acceptable
Dermatophyte present	1	8.33%	

Organism present in specimen DM-4: *Aspergillus niger*.

GRAM STAIN

Specimen GS-6

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	19	100%	Acceptable

Gram Stain Morphology

Cocci	15	88.24%	Acceptable
Coccobacilli	2	11.76%	

Organism present in specimen GS-6: *Enterococcus faecium*.

Specimen GS-7

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

Gram Stain Morphology

Cocci	13	76.47%	Acceptable
Diplococci	4	23.53%	

Organism present in specimen GS-7: *Staphylococcus epidermidis*. The Gram Stain Morphology is graded to 90% referee consensus.

GRAM STAIN

Specimen GS-8

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

Gram Stain Morphology

Coccobacilli	5	29.41%	Acceptable
Rods/bacilli	3	17.65%	Acceptable
Cocci	5	29.41%	
Diplococci	4	23.53%	

Organism present in specimen GS-8: *Haemophilus influenzae*. The Gram Stain Morphology is graded to 80% referee consensus.

Specimen GS-9

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	19	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	17	100%	Acceptable
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Organism present in specimen GS-9: *Klebsiella pneumoniae*.

Specimen GS-10

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	15	78.95%	Acceptable
Gram negative	4	21.05%	

Gram Stain Morphology

Rods/bacilli	15	88.24%	Acceptable
Diplococci	2	11.76%	

Organism present in specimen GS-10: *Listeria monocytogenes*. Specimen The Gram Stain Reaction is graded by 80% referee consensus.

AFFIRM VP III–*Trichomonas vaginalis*

Specimen VP-6

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

Organisms present in specimen VP-6: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

Specimen VP-7

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

Organism present in specimen VP-7: *Candida* species.

Specimen VP-8

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

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

Specimen VP-9

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

Organisms present in specimen VP-9: *Candida* species and *Trichomonas vaginalis*.

Specimen VP-10

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

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

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	96.67%	Acceptable
Negative	1	3.33%	

Specimen VP-7

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

Specimen VP-8

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

Specimen VP-9

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

Specimen VP-10

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

AFFIRM VP III–Candida sp.

Specimen VP-6

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

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	93.33%	Acceptable
Negative	2	6.67%	

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

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

Specimen VP-9

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

Specimen VP-10

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

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

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
BD ProbeTec	3	-	3
BD Viper	1	-	1
Cepheid GeneXpert	2	-	2
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	5	-	5
Roche COBAS Amplicor	2	-	2

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	15	15	-
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	5	5	-
Roche COBAS Amplicor	2	2	-

Organisms present in specimen CY-7: *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-8

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

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	13	2	11
BD ProbeTec	3	-	3
BD Viper	1	-	1
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	3	-	3
Roche COBAS Amplicor	2	1	1

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	13	13	-
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	2	2	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	3	3	-
Roche COBAS Amplicor	2	2	-

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

GC (ANTIGEN DETECTION)

Specimen CY-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	9	1
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	2	2	-
Roche COBAS Amplicor	2	2	-

Specimen CY-7

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

Specimen CY-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	9	1
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	2	2	-
Roche COBAS Amplicor	2	2	-

Specimen CY-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	10	2	8
BD ProbeTec	3	-	3
BD Viper	1	-	1
Cepheid GeneXpert	2	1	1
Gen-Probe APTIMA	2	-	2
Roche COBAS Amplicor	2	1	1

Specimen CY-10

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

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-6

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

Antigen present in specimen LC-6: *Cryptosporidium*.

Specimen LC-7

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

Antigen present in specimen LC-7: *Giardia lamblia*.

Specimen LC-8

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

Antigens present in specimen LC-8: *Cryptosporidium* and *Giardia lamblia*.

Specimen LC-9

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

Antigen present in specimen LC-9: No antigens present.

Specimen LC-10

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

Antigen present in specimen LC-10: *Cryptosporidium*.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-6

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

Specimen LC-7

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

Specimen LC-8

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

Specimen LC-9

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

Specimen LC-10

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

RSV ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	66	2	64
Alere Binax NOW - waived	41	-	41
Other Waived Method	1	1	-
Quidel QuickVue RSV - waived	11	-	11
Quidel Sofia - waived	10	-	10

Antigen present in specimen V-6: Influenza A.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	68	66	2
Alere Binax NOW - waived	43	43	-
Other Waived Method	1	-	1
Quidel QuickVue RSV - waived	11	11	-
Quidel Sofia - waived	10	10	-

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	-	15
Alere Binax NOW - waived	5	-	5
Quidel QuickVue RSV - waived	4	-	4
Quidel Sofia - waived	5	-	5

Antigen present in specimen V-8: No antigen present.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
Alere Binax NOW - waived	5	-	5
Quidel QuickVue RSV - waived	4	-	4
Quidel Sofia - waived	5	-	5

Antigen present in specimen V-9: Influenza B.

RSV ANTIGEN DETECTION

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
Alere Binax NOW - waived	5	5	-
Quidel QuickVue RSV - waived	4	4	-
Quidel Sofia - waived	5	5	-

Antigen present in specimen V-10: RSV.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	36	35	1
Quidel QuickVue Influenza	30	30	-

Antigen present in specimen V-6: Influenza A.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	36	-	36
Quidel QuickVue Influenza	30	-	30

Antigen present in specimen V-7: RSV.

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	-	9
Quidel QuickVue Influenza	9	-	9

Antigen present in specimen V-8: No antigen present.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	9	-
Quidel QuickVue Influenza	9	9	-

Antigen present in specimen V-9: Influenza B.

INFLUENZA A/B ANTIGEN DETECTION

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	-	9
Quidel QuickVue Influenza	9	-	9

Antigen present in specimen V-10: RSV.

INFLUENZA A ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	290	288	2
Alere Binax NOW - waived	71	70	1
Alere i Instrument Influenza	5	5	-
Alere Influenza A&B	8	8	-
BD QTest	1	1	-
BD Veritor	1	1	-
BD Veritor - waived	39	39	-
Henry Schein OneStep+ Flu A&B	4	3	1
Medline Influenza A&B	5	5	-
Quidel QuickVue Influenza A+B	34	34	-
Quidel Sofia - waived	100	100	-
Sekisui OSOM Influenza A&B	11	11	-

Antigen present in specimen V-6: Influenza A.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	290	3	287
Alere Binax NOW - waived	73	1	72
Alere i Instrument Influenza	5	-	5
Alere Influenza A&B	8	-	8
BD QTest	1	-	1
BD Veritor	1	-	1
BD Veritor - waived	38	1	37
Henry Schein OneStep+ Flu A&B	4	-	4
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	34	-	34
Quidel Sofia - waived	100	1	99
Sekisui OSOM Influenza A&B	11	-	11

Antigen present in specimen V-7: RSV.

INFLUENZA A ANTIGEN DETECTION

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	93	-	93
Alere Binax NOW - waived	7	-	7
Alere Influenza A&B	1	-	1
BD Veritor	1	-	1
BD Veritor - waived	5	-	5
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	64	-	64
Sekisui OSOM Influenza A&B	8	-	8

Antigen present in specimen V-8: No antigen present.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	93	1	92
Alere Binax NOW - waived	7	-	7
Alere Influenza A&B	1	-	1
BD Veritor	1	-	1
BD Veritor - waived	5	-	5
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	64	1	63
Sekisui OSOM Influenza A&B	8	-	8

Antigen present in specimen V-9: Influenza B.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	93	-	93
Alere Binax NOW - waived	7	-	7
Alere Influenza A&B	1	-	1
BD Veritor	1	-	1
BD Veritor - waived	5	-	5
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	64	-	64
Sekisui OSOM Influenza A&B	8	-	8

Antigen present in specimen V-10: RSV.

INFLUENZA B ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	287	1	286
Alere Binax NOW - waived	67	-	67
Alere i Instrument Influenza	4	-	4
Alere Influenza A&B	8	-	8
BD Veritor	1	-	1
BD Veritor - waived	39	-	39
Henry Schein OneStep+ Flu A&B	4	1	3
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	34	-	34
Quidel Sofia - waived	99	-	99
Sekisui OSOM Influenza A&B	10	-	10

Antigen present in specimen V-6: Influenza A.

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	290	-	290
Alere Binax NOW - waived	70	-	70
Alere i Instrument Influenza	4	-	4
Alere Influenza A&B	8	-	8
BD Veritor	1	-	1
BD Veritor - waived	38	-	38
Henry Schein OneStep+ Flu A&B	4	-	4
Medline Influenza A&B	4	-	4
Quidel QuickVue Influenza A+B	34	-	34
Quidel Sofia - waived	99	-	99
Sekisui OSOM Influenza A&B	10	-	10

Antigen present in specimen V-7: RSV.

INFLUENZA B ANTIGEN DETECTION

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	93	-	93
Alere Binax NOW - waived	7	-	7
Alere Influenza A&B	1	-	1
BD Veritor	1	-	1
BD Veritor - waived	5	-	5
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	64	-	64
Sekisui OSOM Influenza A&B	7	-	7

Antigen present in specimen V-8: No antigen present.

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	93	91	2
Alere Binax NOW - waived	7	7	-
Alere Influenza A&B	1	1	-
BD Veritor	1	1	-
BD Veritor - waived	5	5	-
Henry Schein OneStep+ Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	3	-
Quidel Sofia - waived	64	63	1
Sekisui OSOM Influenza A&B	7	6	1

Antigen present in specimen V-9: Influenza B.

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	111	9	102
Alere Binax NOW - waived	20	-	20
Alere Influenza A&B	2	-	2
BD Veritor	2	-	2
BD Veritor - waived	1	-	1
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	1	-	1
Quidel Sofia - waived	6	-	6
Sekisui OSOM Influenza A&B	40	1	39

Antigen present in specimen V-10: RSV.

LEGIONELLA ANTIGEN DETECTION

Specimen L-6

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

Specimen L-6: Positive for Legionella antigen.

Specimen L-7

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

Specimen L-7: Negative for Legionella antigen.

Specimen L-8

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

Specimen L-8: Positive for Legionella antigen.

Specimen L-9

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

Specimen L-9: Negative for Legionella antigen.

Specimen L-10

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

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	7	-	7
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1

Antigen present in specimen AG-6: No antigen present.

Specimen AG-7

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

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

Specimen AG-8

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

Antigen present in specimen AG-8: Rotavirus.

Specimen AG-9

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

Antigen 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	7	7	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-

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	1	-	1
Fisher HealthCare Sure-Vue	1	-	1

Specimen AG-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	-	1
Fisher HealthCare Sure-Vue	1	-	1

Specimen AG-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Fisher HealthCare Sure-Vue	1	1	-

Specimen AG-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Fisher HealthCare Sure-Vue	1	1	-

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Fisher HealthCare Sure-Vue	1	1	-

STREPTOCOCCUS PNEUMONIAE ANTIGEN

Specimen SP-6

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

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

Specimen SP-7

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

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	17	17	-

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

Specimen SP-9

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

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	17	-	17

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

PARASITOLOGY

Specimen PA-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	2	66.67%	Ungraded
Chilomastix mesnili	1	33.33%	

Parasite present in specimen PA-6: *Chilomastix mesnili*. Specimen PA-6 is an ungraded challenge due to less than 80% participant consensus.

Specimen PA-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Entamoeba histolytica	2	66.67%	Ungraded
Entamoeba coli	1	33.33%	

Parasite present in specimen PA-7: *Entamoeba coli*. Specimen PA-7 is an ungraded challenge due to less than 80% participant consensus.

Specimen PA-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	2	50.00%	Ungraded
Giardia lamblia	1	25.00%	
Clonorchis sinensis	1	25.00%	

Parasite present in specimen PA-8: *Clonorchis sinensis*. PA-8 is an ungraded challenge due to less than 80% participant consensus.

Specimen PA-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Ascaris lumbricoides eggs	3	50.00%	Acceptable
Trichuris trichiura eggs	2	33.33%	Acceptable
Entamoeba histolytica	1	16.67%	

Parasite present in specimen PA-9: *Ascaris lumbricoides* eggs.

Specimen PA-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Hymenolepis nana eggs	4	80.00%	Acceptable
Giardia lamblia	1	20.00%	

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

Medical Laboratory Evaluation

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