

# **MEDICAL LABORATORY EVALUATION**

## **PARTICIPANT SUMMARY**

**2 • 0 • 1 • 5**

Microbiology  
MLE-M1



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-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	76	49.03%	Acceptable
Presump. Pos. Group A Strep	58	37.42%	Acceptable
Streptococcus pyogenes	14	9.03%	Acceptable
Presumptive Streptococcus species	1	0.65%	Acceptable
Negative for Group A Strep	5	3.23%	

Organisms present in specimen TC-1: *Streptococcus pyogenes* and *Streptococcus viridans*.

### Specimen TC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	124	81.58%	Acceptable
Haemophilus influenzae	13	8.55%	Acceptable
No growth (sterile)	12	7.89%	

Organism present in specimen TC-2: *Haemophilus influenzae*

### Specimen TC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	43	49.43%	Acceptable
Presump. Pos. Group A Strep	43	49.43%	Acceptable
Presumptive Streptococcus sp.	1	1.15%	Acceptable

Organism present in specimen TC-3: *Streptococcus pyogenes*.

### Specimen TC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	70	97.22%	Acceptable

Organisms present in specimen TC-4: *Moraxella catarrhalis* and *Staphylococcus epidermidis*.

### Specimen TC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	70	97.22%	Acceptable
No growth (sterile)	2	2.78%	Acceptable

Organism present in specimen TC-5: No organism present.

## STREP A ANTIGEN DETECTION

### Specimen RS-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	528	7	521
Abbott Signify Strep A-waived	3	-	3
Alere Acceava Strep A Test	12	-	12
Alere Signify Strep A Dipstick	1	-	1
BD Chek Strep A	4	-	4
BD Veritor - waived	2	-	2
Beckman Coulter ICON DS	2	-	2
Beckman Coulter ICON SC	4	-	4
Binax NOW Strep A	6	-	6
Cardinal Health Strep A - waived	17	-	17
Consult Diagnostic Strep A - Moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	63	-	63
Fisher HealthCare Sure-Vue - waived	1	-	1
Henry Schein One Step+ - waived	37	-	37
Immunostics Detector Strep A Direct	7	1	6
McKesson Strep A Dipstick	37	1	36
Meridian Illumigene	1	-	1
Other Moderately Complex Method	1	-	1
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	2	-	2
Quidel QuickVue Dipstick Strep	83	1	82
Quidel QuickVue In-Line	64	1	63
Quidel QuickVue+	23	1	22
Quidel Sofia - moderate	4	-	4
Sekisui OSOM	85	2	83
Sekisui OSOM Ultra Strep A	41	-	41

## STREP A ANTIGEN DETECTION

### Specimen RS-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	521	515	6
Abbott Signify Strep A-waived	3	3	-
Alere Acceava Strep A Test	12	12	-
Alere Signify Strep A Dipstick	1	1	-
BD Chek Strep A	4	4	-
BD Veritor - waived	2	2	-
Beckman Coulter ICON DS	2	2	-
Beckman Coulter ICON SC	4	4	-
Binax NOW Strep A	6	6	-
Cardinal Health Strep A - waived	17	17	-
Consult Diagnostic Strep A - Moderate	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	63	62	1
Fisher HealthCare Sure-Vue - waived	1	1	-
Henry Schein One Step+ - waived	37	37	-
Immunostics Detector Strep A Direct	7	6	1
McKesson Strep A Dipstick	36	35	1
Meridian Illumigene	1	1	-
Other Moderately Complex Method	1	1	-
Other Waived Method	11	10	1
Polymedco Poly Stat Strep A - moderate	1	1	-
Polymedco Poly Stat Strep A - waived	8	8	-
PSS Select Diag. Strep A Dipstick - waived	2	2	-
Quidel QuickVue Dipstick Strep	82	82	-
Quidel QuickVue In-Line	63	63	-
Quidel QuickVue+	20	20	-
Quidel Sofia - moderate	4	4	-
Sekisui OSOM	85	83	2
Sekisui OSOM Ultra Strep A	41	41	-

## STREP A ANTIGEN DETECTION

### Specimen RS-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	105	1	104
Alere Acceava Strep A Test	2	-	2
BD Chek Strep A	2	-	2
BD Veritor - waived	1	-	1
Beckman Coulter ICON DS	1	-	1
Beckman Coulter ICON SC	1	-	1
Binax NOW Strep A	1	-	1
Cardinal Health Strep A - waived	2	-	2
Consult Diagnostic Strep A - Moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	6	-	6
Henry Schein One Step+ - waived	6	-	6
McKesson Strep A Dipstick	12	-	12
Other Waived Method	2	-	2
Polymedco Poly Stat Strep A - moderate	1	-	1
Quidel QuickVue Dipstick Strep	12	-	12
Quidel QuickVue In-Line	23	1	22
Quidel QuickVue+	15	-	15
Quidel Sofia - moderate	4	-	4
Sekisui OSOM	3	-	3
Sekisui OSOM Ultra Strep A	10	-	10

## STREP A ANTIGEN DETECTION

### Specimen RS-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	91	91	-
Alere Acceava Strep A Test	2	2	-
BD Chek Strep A	1	1	-
BD Veritor - waived	1	1	-
Beckman Coulter ICON DS	1	1	-
Beckman Coulter ICON SC	1	1	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - waived	2	2	-
Consult Diagnostic Strep A - Moderate	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	6	6	-
Henry Schein One Step+ - waived	5	5	-
McKesson Strep A Dipstick	10	10	-
Other Waived Method	2	2	-
Quidel QuickVue Dipstick Strep	11	11	-
Quidel QuickVue In-Line	22	22	-
Quidel QuickVue+	12	12	-
Quidel Sofia - moderate	4	4	-
Sekisui OSOM	2	2	-
Sekisui OSOM Ultra Strep A	7	7	-

### Specimen RS-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	91	90	1
Alere Acceava Strep A Test	2	2	-
BD Chek Strep A	1	1	-
BD Veritor - waived	1	1	-
Beckman Coulter ICON DS	1	1	-
Beckman Coulter ICON SC	1	1	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - waived	2	2	-
Consult Diagnostic Strep A - Moderate	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	6	6	-
Henry Schein One Step+ - waived	5	5	-
McKesson Strep A Dipstick	10	10	-
Other Waived Method	2	2	-
Quidel QuickVue Dipstick Strep	11	10	1
Quidel QuickVue In-Line	22	22	-
Quidel QuickVue+	12	12	-
Quidel Sofia - moderate	4	4	-
Sekisui OSOM	2	2	-
Sekisui OSOM Ultra Strep A	7	7	-

## GENERAL BACTERIOLOGY

### Specimen BA-1 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus alpha-hemolytic	7	58.33%	Acceptable
Streptococcus viridans	2	16.67%	Acceptable

Organism present in specimen BA-1: *Streptococcus sanguinis*. This specimen was graded by 80% referee consensus.

### Specimen BA-2 – Respiratory Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus pneumonia	14	58.33%	Acceptable
Corynebacterium species	10	41.67%	Acceptable

Organisms present in specimen BA-2: *Streptococcus pneumoniae* and *Corynebacterium* species.

### Specimen BA-3 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	13	56.52%	Acceptable
Growth, referred for identification	2	8.70%	Acceptable
Bacteroides fragilis	1	4.35%	Acceptable
Anaerobic cultures not performed – would refer	7	30.43%	Acceptable

Organisms present in specimen BA-3: *Escherichia coli* and *Bacteroides fragilis*.



## METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREEN

### Specimen MSA-1

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

Organisms present in specimen MSA-1: *Staphylococcus aureus* – Methicillin resistant and *Streptococcus pneumoniae*.

### Specimen MSA-2

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

Organisms present in specimen MSA-2: *Moraxella catarrhalis* and *Staphylococcus epidermidis*.

### Specimen MSA-3

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

Organisms present in specimen MSA-3: *Staphylococcus aureus* – Methicillin resistant and *Corynebacterium* species.

### Specimen MSA-4

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

Organisms present in specimen MSA-4: *Staphylococcus aureus* – Methicillin resistant and *Streptococcus viridans*.

### Specimen MSA-5

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

Organisms present in specimen MSA-5: *Haemophilus influenzae* and *Neisseria sicca*.

## URINE CULTURE

### Specimen UC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	47	63.51%	Acceptable
Growth, referred for identification	15	20.27%	Acceptable
Gram positive cocci	6	8.11%	Acceptable
Presump. Staphylococcus species	3	4.05%	Acceptable
Staphylococcus species	1	1.35%	Acceptable
Presump. Gram positive	1	1.35%	Acceptable

### Gram Stain

Gram positive	48	97.96%	Acceptable
Gram negative	1	2.04%	

### Gram Stain Morphology

Cocci	49	100%	Acceptable
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Organism present in specimen UC-1: *Staphylococcus aureus*.

### Specimen UC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Klebsiella oxytoca	29	43.94%	Acceptable
Growth, referred for identification	12	18.18%	Acceptable
Gram negative bacilli	7	10.61%	Acceptable
Klebsiella species	7	10.61%	Acceptable
Staphylococcus epidermidis	2	3.03%	Acceptable
Staphylococcus species	2	3.03%	Acceptable
Presump. Gram negative	2	3.03%	Acceptable
Presump. Klebsiella species	1	1.52%	Acceptable

Organisms present in specimen UC-2: *Klebsiella oxytoca* and *Staphylococcus epidermidis*.

### Specimen UC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Enterobacter species	12	30.77%	Acceptable
Growth, referred for identification	11	28.21%	Acceptable
Enterobacter cloacae	8	20.51%	Acceptable
Gram negative bacilli	3	7.69%	Acceptable
Presump. Gram negative	2	5.13%	Acceptable
Presump. Enterobacter species	1	2.56%	Acceptable
Corynebacterium species	1	2.56%	Acceptable

Organisms present in specimen UC-3: *Enterobacter cloacae* and *Corynebacterium* species.

## URINE CULTURE

### Specimen UC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus agalactiae	7	50.00%	Acceptable
Growth, referred for identification	3	21.43%	Acceptable
Presump. Gram positive	1	7.14%	Acceptable
Presumptive Streptococcus species	1	7.14%	Acceptable
Strep – beta hemo; not Grp A	1	7.14%	Acceptable

Organisms present in specimen UC-4: *Streptococcus agalactiae* and *Lactobacillus* species.

### Specimen UC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	8	57.14%	Acceptable
Growth, referred for identification	4	28.57%	Acceptable
Presump. Escherichia coli	1	7.14%	Acceptable
Presump. Gram negative	1	7.14%	Acceptable

Organism present in specimen UC-5: *Escherichia coli*.

## ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-1, CC-1 (SUS-1) 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	-	-	5	2	-	-	2	100.00%
Ampicillin	27	-	-	27	2	-	-	2	100.00%
Ampicillin/Sulbactam	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Cefazolin	4	-	-	4	2	-	-	2	100.00%
Cefepime	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Cefotaxime	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Cefoxitin	7	-	-	7	-	-	-	-	100.00%
Ceftazidime	1	-	-	1	-	-	-	-	Inappropriate drug <sup>2</sup>
Ceftriaxone	3	-	-	3	1	-	-	1	100.00%
Cefuroxime	2	-	-	2	-	-	-	-	100.00%
Cephalothin	24	-	-	24	-	-	-	-	100.00%
Ciprofloxacin	31	-	-	31	10	-	-	10	98.11%
Daptomycin	-	-	-	-	2	2	-	-	Not graded <sup>1</sup>
Doxycycline	2	2	-	-	-	-	-	-	Not graded <sup>1</sup>
Ertapenem	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Gatifloxacin	-	-	-	-	1	-	1	-	Not graded <sup>1</sup>
Gentamicin	6	6	-	-	5	5	-	-	100.00%
Imipenem	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Levofloxacin	12	-	-	12	8	-	3	5	86.96%
Linezolid	1	1	-	-	6	6	-	-	100.00%
Moxifloxacin	-	-	-	-	2	1	1	-	Not graded <sup>1</sup>
Nitrofurantoin	35	35	-	-	9	9	-	-	100.00%
Ofloxacin	-	-	-	-	1	-	-	1	Not graded <sup>1</sup>
Oxacillin	24	-	-	24	10	-	-	10	100.00%
Penicillin	7	-	-	7	8	-	-	8	96.00%
Quinupristin/Dalfopristin	-	-	-	-	2	2	-	-	Not graded <sup>1</sup>
Rifampin	1	1	-	-	6	6	-	-	100.00%
Sulfisoxazole	1	1	-	-	-	-	-	-	Not graded <sup>1</sup>
Tetracycline	6	6	-	-	10	10	-	-	100.00%
Trimethoprim	1	-	-	1	-	-	-	-	Not graded <sup>1</sup>
Trimethoprim/Sulfamethoxazole	33	33	-	-	11	11	-	-	100.00%
Vancomycin	1	1	-	-	10	10	-	-	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.

<sup>1</sup> This is an ungraded challenge due to lack of comparison group.

<sup>2</sup> This is an inappropriate drug for organism and/or source.

## GENITAL CULTURE

### Specimen GC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	22	55.00%	Acceptable
<i>Neisseria gonorrhoeae</i>	16	40.00%	Acceptable
Gram negative diplococci	2	5.00%	Acceptable

### Gram Stain

Gram negative	31	100%	Acceptable
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### Gram Stain Morphology

Diplococci	31	100%	Acceptable
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Organism present in specimen GC-1: *Neisseria gonorrhoeae*.

### Specimen GC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	11	91.67%	Acceptable
Gram positive cocci	1	8.33%	Acceptable

Organism present in specimen GC-2: *Staphylococcus aureus*.

### Specimen GC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	11	91.67%	Acceptable
Gram positive cocci	1	8.33%	Acceptable

Organisms present in specimen GC-3: *Enterococcus faecalis* and *Lactobacillus* species.

## GENITAL CULTURE

### Specimen GC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	8	72.73%	Acceptable
<i>Neisseria gonorrhoeae</i>	3	27.27%	Acceptable

Organisms present in specimen GC-4: *Neisseria gonorrhoeae* and *Staphylococcus epidermidis*.

### Specimen GC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	11	91.67%	Acceptable
No growth (sterile)	1	8.33%	Acceptable

Organism present in specimen GC-5: No growth (sterile).

## COLONY COUNT/PRESUMPTIVE IDENTIFICATION

### Specimen CC-1

<u>Method</u>	<u>Labs</u>	<u>No growth</u>	<u>&lt;10,000 organisms/mL</u>	<u>10,000-100,000 organisms/mL</u>	<u>&gt;100,000 organisms/mL</u>
ALL METHODS	79	-	-	2	77
Bulls Eye	1	-	-	-	1
Calibrated Loop	25	-	-	-	25
Dip-N-Count	1	-	-	-	1
HealthLink	2	-	-	-	2
Troy Bacti-Urine, Plate	1	-	-	-	1
Uri-Check	8	-	-	-	8
Uricult	35	-	-	2	33

### Identification–Specimen CC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	9	40.91%	Acceptable
Growth, referred for identification	7	31.82%	Acceptable
Presump. Staphylococcus species	3	13.64%	Acceptable
Staphylococcus aureus	2	9.09%	Acceptable

Organism present in specimen CC-1: >100,000 CFU/mL of *Staphylococcus aureus*.

## COLONY COUNT/PRESUMPTIVE IDENTIFICATION

### Specimen CC-2

<u>Method</u>	<u>Labs</u>	<u>No growth</u>	<u>&lt;10,000 organisms/mL</u>	<u>10,000-100,000 organisms/mL</u>	<u>&gt;100,000 organisms/mL</u>
ALL METHODS	79	-	1	54	24
Bulls Eye	1	-	-	1	-
Calibrated Loop	25	-	-	18	7
Dip-N-Count	1	-	-	1	-
HealthLink	2	-	-	2	-
Troy Bacti-Urine, Plate	1	-	-	-	1
Uri-Check	8	-	1	5	2
Uricult	35	-	-	23	12

### Identification–Specimen CC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	9	39.13%	Acceptable
Growth, referred for identification	7	30.43%	Acceptable
Klebsiella oxytoca	1	4.35%	Acceptable
Gram negative bacilli	1	4.35%	Acceptable
Presump. Klebsiella species	1	4.35%	Acceptable
Presmp. Gram positive	1	4.35%	Acceptable
Staphylococcus epidermidis	1	4.35%	Acceptable

Organisms present in specimen CC-2: 50,000-75,000 CFU/mL of *Klebsiella oxytoca* and <10,000 CFU/mL of *Staphylococcus epidermidis*.

## COLONY COUNT/PRESUMPTIVE IDENTIFICATION

### Identification–Specimen CC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	10	55.56%	Acceptable
Growth, referred for identification	4	22.22%	Acceptable
Presump. Enterobacter species	1	5.56%	Acceptable
Enterobacter cloacae	1	5.56%	Acceptable
Gram negative bacilli	1	5.56%	Acceptable

Organisms present in specimen CC-3: 50,000-75,000 CFU/mL of *Enterobacter cloacae* and <10,000 CFU/mL of *Corynebacterium* species.

### Identification–Specimen CC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	7	38.89%	Acceptable
Growth, referred for identification	4	22.22%	Acceptable
Strep – beta hemo: not Grp A	1	5.56%	Acceptable
Streptococcus agalactiae	1	5.56%	Acceptable
Presumptive Streptococcus species	1	5.56%	Acceptable

Organisms present in specimen CC-4: >100,000 CFU/mL of *Streptococcus agalactiae* and <10,000 CFM/mL of *Lactobacillus* species. This specimen was graded by 82% referee consensus.

### Identification–Specimen CC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	9	50.00%	Acceptable
Growth, referred for identification	4	22.22%	Acceptable
Presump. Escherichia coli	3	16.67%	Acceptable
Escherichia coli	2	11.11%	Acceptable

Organism present in specimen CC-5: >100,000 CFU/mL of *Escherichia coli*.



## DERMATOPHYTE SCREEN

### Specimen DM-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	18	94.74%	Acceptable
Dermatophyte present	1	5.26%	

Organism present in specimen DM-1: *Staphylococcus aureus*.

### Specimen DM-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	9	47.37%	Acceptable
Dermatophyte absent	10	52.63%	

Organism present in specimen DM-2: *Epidermophyton floccosum*. This specimen was graded by 80% referee consensus.

## GRAM STAIN

### Specimen GS-1

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	18	100%	Acceptable

### Gram Stain Morphology

Rods/bacilli	15	93.75%	Acceptable
Coccobacilli	1	6.25%	

Organism present in specimen GS-1: *Escherichia coli*.

### Specimen GS-2

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	17	94.44%	Acceptable
Gram positive	1	5.56%	

### Gram Stain Morphology

Diplococci	12	75.00%	Acceptable
Cocci	4	25.00%	Acceptable

Organism present in specimen GS-2: *Moraxella catarrhalis*.

## GRAM STAIN

### Specimen GS-3

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	17	94.44%	Acceptable
Gram negative	1	5.56%	

#### Gram Stain Morphology

Cocci	14	87.50%	Acceptable
Diplococci	2	12.50%	

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

### Specimen GS-4

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	18	100%	Acceptable

#### Gram Stain Morphology

Rods/bacilli	15	93.75%	Acceptable
Coccobacilli	1	6.25%	

Organism present in specimen GS-4: *Proteus vulgaris*.

### Specimen GS-5

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	17	94.44%	Acceptable
Gram negative	1	5.56%	

#### Gram Stain Morphology

Cocci	13	81.25%	Acceptable
Diplococci	3	18.75%	

Organism present in specimen GS-5: *Streptococcus agalactiae*.

### AFFIRM VP III–*Trichomonas vaginalis*

#### Specimen VP-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism present in specimen VP-1: *Candida albicans*.

#### Specimen VP-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

Organism present in specimen VP-2: *Gardnerella vaginalis*.

#### Specimen VP-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

Organisms present in specimen VP-3: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

#### Specimen VP-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	28	96.55%	Acceptable
Positive	1	3.45%	

Organism present in specimen VP-4: No organism present.

#### Specimen VP-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	96.55%	Acceptable
Negative	1	3.45%	

Organism present in specimen VP-5: *Trichomonas vaginalis*.

**AFFIRM VP III–Gardnerella vaginalis**

**Specimen VP-1**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

**Specimen VP-2**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

**Specimen VP-3**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

**Specimen VP-4**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

**Specimen VP-5**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	28	96.55%	Acceptable
Positive	1	3.45%	

**AFFIRM VP III–Candida sp.**

**Specimen VP-1**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	29	100%	Acceptable

**Specimen VP-2**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

**AFFIRM VP III–Candida sp.****Specimen VP-3**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	28	100%	

**Specimen VP-4**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

**Specimen VP-5**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	29	100%	Acceptable

**CHLAMYDIA (ANTIGEN DETECTION)****Specimen CY-1**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	6	6	-
Roche COBAS Amplicor	2	2	-

Organism present in specimen CY-1: *Chlamydia trachomatis*.

**Specimen CY-2**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	1	14
BD ProbeTec	4	-	4
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	6	-	6
Roche COBAS Amplicor	2	-	2

Organism present in specimen CY-2: *Neisseria gonorrhoeae*.

## CHLAMYDIA (ANTIGEN DETECTION)

### Specimen CY-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	1	12
BD ProbeTec	4	-	4
Gen-Probe APTIMA	2	-	2
Quidel QuickVue	4	-	4
Roche COBAS Amplicor	2	-	2

Organism present in specimen CY-3: *Neisseria gonorrhoea*.

### Specimen CY-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	13	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	4	4	-
Roche COBAS Amplicor	2	2	-

Organisms present in specimen CY-4: *Chlamydia trachomatis* and *Neisseria gonorrhoea*.

### Specimen CY-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	13	13	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Quidel QuickVue	4	4	-
Roche COBAS Amplicor	2	2	-

Organism present in specimen CY-5: *Chlamydia trachomatis*.

## GC (ANTIGEN DETECTION)

### Specimen CY-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	-	9
BD ProbeTec	4	-	4
Gen-Probe APTIMA	2	-	2
Roche COBAS Amplicor	2	-	2

### Specimen CY-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	9	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Roche COBAS Amplicor	2	2	-

### Specimen CY-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	9	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Roche COBAS Amplicor	2	2	-

### Specimen CY-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	9	-
BD ProbeTec	4	4	-
Gen-Probe APTIMA	2	2	-
Roche COBAS Amplicor	2	2	-

### Specimen CY-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	9	1	8
BD ProbeTec	4	-	4
Gen-Probe APTIMA	2	-	2
Roche COBAS Amplicor	2	-	2

## CRYPTOSPORIDIUM ANTIGEN DETECTION

### Specimen LC-1

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

Antigens present in specimen LC-1: *Cryptosporidium* and *Giardia lamblia*.

### Specimen LC-2

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

Antigen present in specimen LC-2: *Cryptosporidium*.

### Specimen LC-3

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

Antigen present in specimen LC-3: *Giardia lamblia*.

### Specimen LC-4

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

Antigen present in specimen LC-4: No antigens present.

### Specimen LC-5

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

Antigen present in specimen LC-5: *Cryptosporidium*.



## GIARDIA LAMBLIA ANTIGEN DETECTION

### Specimen LC-1

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

### Specimen LC-2

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

### Specimen LC-3

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

### Specimen LC-4

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

### Specimen LC-5

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

## RSV ANTIGEN DETECTION

### Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	67	1	66
Alere Binax NOW - waived	47	-	47
Alere Clearview RSV - waived	5	1	4
Quidel QuickVue RSV - waived	7	-	7
Quidel QuickVue RSV 10 Test	1	-	1
Quidel Sofia - waived	7	-	7

Antigen present in specimen V-1: Influenza A.

### Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	67	3	64
Alere Binax NOW - waived	47	1	46
Alere Clearview RSV - waived	5	1	4
Quidel QuickVue RSV - waived	7	1	6
Quidel QuickVue RSV 10 Test	1	-	1
Quidel Sofia - waived	7	-	7

Antigen present in specimen V-2: Influenza B.

### Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	16	-
Alere Binax NOW - waived	5	5	-
Alere Clearview RSV - waived	2	2	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Quidel Sofia - waived	5	5	-

Antigen present in specimen V-3: RSV.

### Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	1	15
Alere Binax NOW - waived	5	-	5
Alere Clearview RSV - waived	2	1	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	1	-	1
Quidel Sofia - waived	5	-	5

Antigen present in specimen V-4: Influenza A.

## RSV ANTIGEN DETECTION

### Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	16	16	-
Alere Binax NOW - waived	5	5	-
Alere Clearview RSV - waived	2	2	-
Quidel QuickVue RSV - waived	3	3	-
Quidel QuickVue RSV 10 Test	1	1	-
Quidel Sofia - waived	5	5	-

Antigen present in specimen V-5: RSV.

## INFLUENZA A/B ANTIGEN DETECTION

### Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	29	29	-
Quidel QuickVue Influenza	27	27	-
Sekisui OSOM Influenza A&B	1	1	-

Antigen present in specimen V-1: Influenza A.

### Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	29	28	1
Quidel QuickVue Influenza	27	26	1
Sekisui OSOM Influenza A&B	1	1	-

Antigen present in specimen V-2: Influenza B.

### Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
Quidel QuickVue Influenza	11	-	11

Antigen present in specimen V-3: RSV.

### Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	11	-
Quidel QuickVue Influenza	11	11	-

Antigen present in specimen V-4: Influenza A.

## INFLUENZA A/B ANTIGEN DETECTION

### Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
Quidel QuickVue Influenza	11	-	11

Antigen present in specimen V-5: RSV.

## INFLUENZA A ANTIGEN DETECTION

### Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	333	333	-
Alere Binax NOW - waived	105	105	-
Alere Influenza A&B	4	4	-
BD Veritor - waived	30	30	-
Henry Schein OneStep+ Flu A&B	2	2	-
Labsco Advantage Flu A&B	1	1	-
Medline Influenza A&B	2	2	-
OraSure QuickFlu	2	2	-
Quidel QuickVue Influenza A+B	43	43	-
Quidel Sofia - waived	43	43	-
Remel Xpect	2	2	-

Antigen present in specimen V-1: Influenza A.

### Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	321	-	321
Alere Binax NOW - waived	101	-	101
Alere Influenza A&B	4	-	4
BD Veritor - waived	29	-	29
Henry Schein OneStep+ Flu A&B	2	-	2
Labsco Advantage Flu A&B	1	-	1
Medline Influenza A&B	2	-	2
OraSure QuickFlu	2	-	2
Quidel QuickVue Influenza A+B	40	-	40
Quidel Sofia - waived	43	-	43
Remel Xpect	2	-	2
Sekisui OSOM Influenza A&B	79	-	79

Antigen present in specimen V-2: Influenza B.

## INFLUENZA A ANTIGEN DETECTION

### Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	-	109
Alere Binax NOW - waived	17	-	17
BD Veritor - waived	4	-	4
Labsco Advantage Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	9	-	9
Remel Xpect	2	-	2
Sekisui OSOM Influenza A&B	71	-	71

Antigen present in specimen V-3: RSV.

### Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	109	-
Alere Binax NOW - waived	17	17	-
BD Veritor - waived	4	4	-
Labsco Advantage Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	3	-
Quidel Sofia - waived	9	9	-
Remel Xpect	2	2	-
Sekisui OSOM Influenza A&B	71	71	-

Antigen present in specimen V-4: Influenza A.

### Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	-	109
Alere Binax NOW - waived	17	-	17
BD Veritor - waived	4	-	4
Labsco Advantage Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	9	-	9
Remel Xpect	2	-	2
Sekisui OSOM Influenza A&B	71	-	71

Antigen present in specimen V-5: RSV.

## INFLUENZA B ANTIGEN DETECTION

### Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	321	9	312
Alere Binax NOW - waived	102	-	102
Alere Influenza A&B	4	-	4
BD Veritor - waived	28	-	28
Henry Schein OneStep+ Flu A&B	2	-	2
Labsco Advantage Flu A&B	1	-	1
Medline Influenza A&B	2	-	2
OraSure QuickFlu	2	-	2
Quidel QuickVue Influenza A+B	40	-	40
Quidel Sofia - waived	43	-	43
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	78	9	69

Antigen present in specimen V-1: Influenza A.

### Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	332	326	6
Alere Binax NOW - waived	106	103	3
Alere Influenza A&B	4	4	-
BD Veritor - waived	29	29	-
Henry Schein OneStep+ Flu A&B	2	2	-
Labsco Advantage Flu A&B	1	1	-
Medline Influenza A&B	2	2	-
OraSure QuickFlu	2	2	-
Quidel QuickVue Influenza A+B	42	42	-
Quidel Sofia - waived	43	43	-
Remel Xpect	3	3	-
Sekisui OSOM Influenza A&B	79	76	3

Antigen present in specimen V-2: Influenza B.

### Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	8	101
Alere Binax NOW - waived	18	-	18
BD Veritor - waived	3	-	3
Labsco Advantage Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	8	-	8
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	70	8	62

Antigen present in specimen V-3: RSV.

## INFLUENZA B ANTIGEN DETECTION

### Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	9	100
Alere Binax NOW - waived	18	-	18
BD Veritor - waived	3	-	3
Labsco Advantage Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	8	-	8
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	70	9	61

Antigen present in specimen V-4: Influenza A.

### Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	109	8	101
Alere Binax NOW - waived	18	-	18
BD Veritor - waived	3	-	3
Labsco Advantage Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	8	1	7
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	70	7	63

Antigen present in specimen V-5: RSV.

## LEGIONELLA ANTIGEN DETECTION

### Specimen L-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	23	23	-

Specimen L-1: Positive for Legionella antigen.

### Specimen L-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	23	23	-

Specimen L-2: Positive for Legionella antigen.

### Specimen L-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	23	23	-

Specimen L-3: Positive for Legionella antigen.

### Specimen L-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	23	-	23

Specimen L-4: Negative for Legionella antigen.

### Specimen L-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	23	-	23

Specimen L-5: Negative for Legionella antigen.



## CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

### Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	8	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-
Meridian Premier	1	1	-

Antigens present in specimen AG-1: *Clostridium difficile* and Rotavirus.

### Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	-	8
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1
Meridian Premier	1	-	1

Antigen present in specimen AG-2: Rotavirus.

### Specimen AG-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	-	8
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1
Meridian Premier	1	-	1

Antigen present in specimen AG-3: No antigens present.

### Specimen AG-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	8	-
Alere C. diff Quik Chek	6	6	-
Meridian Illumigene	1	1	-
Meridian Premier	1	1	-

Antigen present in specimen AG-4: *Clostridium difficile*.

## CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

### Specimen AG-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	8	-	8
Alere C. diff Quik Chek	6	-	6
Meridian Illumigene	1	-	1
Meridian Premier	1	-	1

Antigen present in specimen AG-5: Rotavirus.

## ROTAVIRUS ANTIGEN DETECTION

### Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

### Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

### Specimen AG-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Fisher HealthCare Sure-Vue	5	-	5

### Specimen AG-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Fisher HealthCare Sure-Vue	5	-	5

## ROTAVIRUS ANTIGEN DETECTION

### Specimen AG-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Fisher HealthCare Sure-Vue	5	5	-

## STREPTOCOCCUS PNEUMONIAE ANTIGEN

### Specimen SP-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	20	-	20

Specimen SP-1: Negative for *Streptococcus pneumoniae* antigen.

### Specimen SP-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	20	20	-

Specimen SP-2: Positive for *Streptococcus pneumoniae* antigen.

### Specimen SP-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	20	20	-

Specimen SP-3: Positive for *Streptococcus pneumoniae* antigen.

### Specimen SP-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	20	-	20

Specimen SP-4: Negative for *Streptococcus pneumoniae* antigen.

### Specimen SP-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	20	1	19

Specimen SP-5: Positive for *Streptococcus pneumoniae* antigen.

## PARASITOLOGY

### Specimen PA-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No parasite seen	1	100%	Acceptable

Parasite present in specimen PA-1: No parasite present.

### Specimen PA-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Entamoeba coli	1	100%	Acceptable

Parasite present in specimen PA-2: *Entamoeba coli*.

### Specimen PA-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Ascaris lumbricoides eggs	1	100%	Acceptable

Parasite present in specimen PA-3: *Ascaris lumbricoides* eggs.

### Specimen PA-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Balantidium coli	1	100%	Acceptable

Parasite present in specimen PA-4: *Balantidium coli*.

### Specimen PA-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Balantidium coli	1	100%	Acceptable

Parasite present in specimen PA-5: *Balantidium coli*.

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