

# **MEDICAL LABORATORY EVALUATION**

## **PARTICIPANT SUMMARY**

**2 • 0 • 1 • 7**

Microbiology  
2017 MLE-M3



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

# Table of Contents

Evaluation Criteria.....	2
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## Microbiology

Throat Culture .....	3	GC (Antigen Detection) .....	23
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 .....	31
Genital Culture .....	13	Clostridium difficile Antigen Detection.....	33
Gram Stain.....	13	Rotavirus Antigen Detection.....	34
Colony Count/Presumptive ID .....	15	Legionella Antigen Detection.....	35
Gram Stain.....	15	Streptococcus pneumoniae Antigen Detection .....	36
Dermatophyte Screen .....	17	Parasitology .....	37
Gram Stain.....	17		
Affirm VP III			
Trichomonas vaginalis.....	19		
Gardnerella vaginalis .....	20		
Candida sp. ....	21		
Chlamydia (Antigen Detection).....	22		

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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	MRSA Screening	80% Consensus
Chlamydia (EIA, DNA)	80% Consensus	Parasite Identification	80% Consensus
Clostridium difficile Antigen Detection	80% Consensus	Rotavirus Antigen Detection	80% Consensus
Colony Count	80% Consensus	RSV Antigen Detection	80% Consensus
Cryptosporidium Antigen Detection	80% Consensus	Strep A Antigen Detection	80% Consensus
Dermatophyte Screen	80% Consensus	Streptococcus pneumoniae Antigen Detection	80% Consensus
GC (EIA, DNA)	80% Consensus	Urine Presumptive Identification	80% Consensus
Giardia lamblia Antigen Detection	80% Consensus		
Gram Stain	80% Consensus		
Gram Stain Morphology	80% Consensus		

## THROAT CULTURE

### Specimen TC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	65	56.03%	Acceptable
Presump. Pos. Group A Strep	43	37.07%	Acceptable
Streptococcus pyogenes	5	4.31%	Acceptable
Corynebacterium sp.	1	0.86%	Acceptable

Organism(s) present: *Streptococcus pyogenes* and *Corynebacterium sp.*

### Specimen TC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	104	91.23%	Acceptable
Neisseria sp.	5	4.39%	Acceptable

Organism(s) present: *Neisseria subflava*.

### Specimen TC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	67	97.10%	Acceptable
Gram negative bacilli	1	1.45%	Acceptable

Organism(s) present: *Klebsiella pneumoniae* and *Staphylococcus epidermidis*.

### Specimen TC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	61	93.85%	Acceptable

Organism(s) present: *Staphylococcus aureus* and *Streptococcus salivarius*.

### Specimen TC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Pos. Group A Strep	34	52.31%	Acceptable
Positive for Group A Strep	30	46.15%	Acceptable

Organism(s) present: *Streptococcus pyogenes*.

## STREP A ANTIGEN DETECTION

### Specimen RS-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	537	483	54
Abbott Signify Strep A-waived	1	1	-
Alere Acceava Strep A Test	12	12	-
Alere i Instrument - waived	15	15	-
BD Chek Strep A	5	4	1
BD Veritor - waived	2	2	-
Beckman Coulter ICON DS	7	5	2
Beckman Coulter ICON SC	1	1	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	7	7	-
Consult Diagnostic Strep A Dipstick - Waived	93	80	13
Fisher HealthCare Sure-Vue - waived	2	-	2
Germaine Laboratories StrepAim	1	1	-
Henry Schein One Step	1	1	-
Henry Schein One Step+ - waived	47	38	9
Immunostics Detector Strep A Direct	2	2	-
McKesson Strep A Dipstick	21	13	8
Medline Strep A Test Strip	3	3	-
Moore Medical Strep A Rapid Test	1	1	-
Other Waived Method	17	13	4
Quidel QuickVue Dipstick Strep	69	67	2
Quidel QuickVue In-Line	49	41	8
Quidel QuickVue+	13	12	1
Quidel Sofia - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	14	14	-
Sekisui OSOM	99	98	1
Sekisui OSOM Ultra -waived	46	43	3

## STREP A ANTIGEN DETECTION

### Specimen RS-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	532	453	79
Abbott Signify Strep A-waived	1	-	1
Alere Acceava Strep A Test	11	10	1
Alere i Instrument - waived	15	15	-
BD Chek Strep A	5	3	2
BD Veritor - waived	2	-	2
Beckman Coulter ICON DS	7	5	2
Beckman Coulter ICON SC	1	1	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Cardinal Health Strep A - waived	7	6	1
Consult Diagnostic Strep A Dipstick - Waived	93	72	21
Fisher HealthCare Sure-Vue - waived	2	2	-
Germaine Laboratories StrepAim	1	1	-
Henry Schein One Step	1	1	-
Henry Schein One Step+ - waived	47	36	11
Immunostics Detector Strep A Direct	2	1	1
McKesson Strep A Dipstick	20	15	5
Medline Strep A Test Strip	3	2	1
Moore Medical Strep A Rapid Test	1	1	-
Other Waived Method	17	13	4
Quidel QuickVue Dipstick Strep	68	65	3
Quidel QuickVue In-Line	48	33	15
Quidel QuickVue+	12	12	-
Quidel Sofia - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	14	13	1
Sekisui OSOM	99	96	3
Sekisui OSOM Ultra -waived	46	41	5

## STREP A ANTIGEN DETECTION

### Specimen RS-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	76	-	76
Alere Acceava Strep A Test	3	-	3
Alere i Instrument - waived	1	-	1
BD Chek Strep A	2	-	2
Beckman Coulter ICON DS	2	-	2
Binax NOW Strep A	1	-	1
Cardinal Health Strep A - moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	10	-	10
Henry Schein One Step+ - waived	4	-	4
McKesson Strep A Dipstick	6	-	6
Other Waived Method	1	-	1
Quidel QuickVue Dipstick Strep	9	-	9
Quidel QuickVue In-Line	17	-	17
Quidel QuickVue+	6	-	6
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	3	-	3
Sekisui OSOM	1	-	1
Sekisui OSOM Ultra -waived	7	-	7

## STREP A ANTIGEN DETECTION

### Specimen RS-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	72	1	71
Alere Acceava Strep A Test	3	-	3
Alere i Instrument - waived	1	-	1
BD Chek Strep A	2	-	2
Beckman Coulter ICON DS	2	-	2
Binax NOW Strep A	1	-	1
Cardinal Health Strep A - moderate	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	10	-	10
Henry Schein One Step+ - waived	3	-	3
McKesson Strep A Dipstick	5	-	5
Other Waived Method	1	-	1
Quidel QuickVue Dipstick Strep	9	-	9
Quidel QuickVue In-Line	17	1	16
Quidel QuickVue+	6	-	6
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	3	-	3
Sekisui OSOM	1	-	1
Sekisui OSOM Ultra -waived	5	-	5

### Specimen RS-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	72	68	4
Alere Acceava Strep A Test	3	3	-
Alere i Instrument - waived	1	1	-
BD Chek Strep A	2	2	-
Beckman Coulter ICON DS	2	2	-
Binax NOW Strep A	1	1	-
Cardinal Health Strep A - moderate	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	10	9	1
Henry Schein One Step+ - waived	3	2	1
McKesson Strep A Dipstick	5	5	-
Other Waived Method	1	1	-
Quidel QuickVue Dipstick Strep	9	9	-
Quidel QuickVue In-Line	17	15	2
Quidel QuickVue+	6	6	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	3	3	-
Sekisui OSOM	1	1	-
Sekisui OSOM Ultra -waived	5	5	-

## GENERAL BACTERIOLOGY

### Specimen BA-7 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus Group C	3	66.67%	Acceptable
Streptococcus dysgalactiae	2	33.33%	Acceptable

Organism(s) present: *Streptococcus dysgalactiae*.

### Specimen BA-8 – Stool Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Plesiomonas shigelloides	4	80.00%	Acceptable
Plesiomonas sp.	1	20.00%	Acceptable

Organism(s) present: *Plesiomonas shigelloides*.

### Specimen BA-9 – Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Stenotrophomonas maltophilia	6	46.15%	Acceptable
Streptococcus alpha-hemolytic	3	23.08%	Acceptable
Streptococcus salivarius	3	23.08%	Acceptable
Anaerobic cultures not performed	1	7.69%	Acceptable

Organism(s) present: *Stenotrophomonas maltophilia* and *Streptococcus salivarius*.



## METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SCREENING

### Specimen MSA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	3	60.00%	Not graded
Negative	2	40.00%	

Organism(s) present: *Staphylococcus aureus* – Methicillin resistant and *Streptococcus viridans*. This is an ungraded challenge due to lack of consensus.

### Specimen MSA-12

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

Organism(s) present: *Staphylococcus aureus* – Methicillin resistant and *Staphylococcus epidermidis*

### Specimen MSA-13

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

Organism(s) present: *Staphylococcus aureus* – Methicillin susceptible.

### Specimen MSA-14

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

Organism(s) present: *Streptococcus pneumoniae* and *Neisseria sicca*.

### Specimen MSA-15

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

Organism(s) present: *Staphylococcus aureus* – Methicillin resistant

## URINE CULTURE

### Specimen UC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Enterobacter aerogenes	38	64.41%	Acceptable
Enterobacter sp.	7	11.86%	Acceptable
Gram negative bacilli	5	8.47%	Acceptable
Growth, referred for identification	4	6.78%	Acceptable
Presump. Gram negative	2	3.39%	Acceptable

### Gram Stain

Gram negative	35	100%	Acceptable
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### Gram Stain Morphology

Rods/bacilli	34	97.14%	Acceptable
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Organism(s) present: *Enterobacter aerogenes*.

### Specimen UC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus saprophyticus	32	35.96%	Acceptable
Enterococcus sp.	29	32.58%	Acceptable
Growth, referred for identification	8	8.99%	Acceptable
Enterococcus (Strep) faecium	4	4.49%	Acceptable
Gram positive cocci	4	4.49%	Acceptable
Presump. Gram positive	3	3.37%	Acceptable
Staphylococcus sp.	2	2.25%	Acceptable
Presump. Staphylococcus sp.	2	2.25%	Acceptable
Presump. Enterococcus sp.	1	1.12%	Acceptable
Staph – coagulase negative	1	1.12%	Acceptable
Streptococcus non-hemolytic	1	1.12%	Acceptable

Organism(s) present: *Enterococcus faecium* and *Staphylococcus saprophyticus*.

### Specimen UC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	31	88.57%	Acceptable

Organism(s) present: No organism present.

## URINE CULTURE

### Specimen UC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Escherichia coli	11	50.00%	Acceptable
Staph – coagulase negative	4	18.18%	Acceptable
Staphylococcus epidermidis	2	9.09%	Acceptable
Presump. Escherichia coli	2	9.09%	Acceptable
Gram negative bacilli	1	4.55%	Acceptable
Presump. Gram negative	1	4.55%	Acceptable
Growth, referred for identification	1	4.55%	Acceptable

Organism(s) present: *Escherichia coli* and *Staphylococcus epidermidis*.

### Specimen UC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Morganella morganii	9	42.86%	Acceptable
Corynebacterium sp.	4	19.05%	Acceptable
Presump. Gram negative	3	14.29%	Acceptable
Growth, referred for identification	1	4.76%	Acceptable
Gram positive bacilli	1	4.76%	Acceptable
Gram negative bacilli	1	4.76%	Acceptable
Presump. Morganella sp.	1	4.76%	Acceptable

Organism(s) present: *Morganella morganii* and *Corynebacterium sp.*

**ANTIMICROBIAL SUSCEPTIBILITY TESTING**

**Specimen UC-11, CC-11 (SUS-11)** Organism(s) present: *Enterobacter aerogenes*.

<u>Antimicrobial</u>	<u>-----Disk Diffusion-----</u>				<u>-----MIC-----</u>				<u>Acceptable (%)</u>
	<u>Interpretative category data</u>				<u>Interpretative category data</u>				
	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	<u>Labs</u>	<u>S</u>	<u>I</u>	<u>R</u>	
Amikacin	-	-	-	-	2	2	-	-	Ungraded <sup>1</sup>
Amoxicillin/Clavulanate	18	-	-	18	6	-	-	6	100.00%
Ampicillin	38	-	-	38	3	-	-	3	97.73%
Cefaclor	1	-	-	1	-	-	-	-	Ungraded <sup>1</sup>
Cefamandole	1	1	-	-	-	-	-	-	Ungraded <sup>1</sup>
Cefazolin	20	3	-	17	7	-	-	7	89.29%
Cefepime	-	-	-	-	5	5	-	-	100.00%
Cefixime	7	6	1	-	-	-	-	-	85.71%
Cefoxitin	1	-	-	1	2	-	-	2	Ungraded <sup>1</sup>
Cefpodoxime	3	3	-	-	-	-	-	-	Ungraded <sup>1</sup>
Ceftazidime	2	2	-	-	4	4	-	-	100.00%
Ceftriaxone	11	10	-	1	5	5	-	-	93.75%
Cefuroxime	9	7	-	2	1	-	-	1	See footnote <sup>2</sup>
Cephalothin	4	-	-	4	1	-	-	1	100.00%
Ciprofloxacin	42	42	-	-	8	8	-	-	100.00%
Ertapenem	-	-	-	-	5	5	-	-	100.00%
Gatifloxacin	1	1	-	-	-	-	-	-	Ungraded <sup>1</sup>
Gentamicin	31	31	-	-	8	8	-	-	100.00%
Imipenem	-	-	-	-	5	5	-	-	100.00%
Levofloxacin	11	11	-	-	7	7	-	-	100.00%
Meropenem	-	-	-	-	1	1	-	-	Ungraded <sup>1</sup>
Nalidixic Acid	1	1	-	-	-	-	-	-	Ungraded <sup>1</sup>
Nitrofurantoin	37	19	6	12	6	1	4	1	82.00% <sup>3</sup>
Piperacillin/Tazobactam	2	2	-	-	5	5	-	-	100.00%
Sulfisoxazole	5	5	-	-	-	-	-	-	100.00%
Tetracycline	24	24	-	-	1	1	-	-	100.00%
Tobramycin	5	5	-	-	5	5	-	-	100.00%
Trimethoprim	4	4	-	-	1	1	-	-	100.00%
Trimethoprim/Sulfamethoxazole	41	41	-	-	8	8	-	-	100.00%

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](http://CLSI.org/m100).

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

<sup>2</sup> Drug is intrinsically resistant.

<sup>3</sup> Drug graded by referee consensus – Susceptible and Intermediate are acceptable

## GENITAL CULTURE

### Specimen GC-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	21	43.75%	Acceptable
<i>Streptococcus agalactiae</i>	18	37.50%	Acceptable
Staph – coagulase negative	5	10.42%	Acceptable
<i>Staphylococcus sp.</i>	2	4.17%	Acceptable
Gram positive cocci	1	2.08%	Acceptable

### Gram Stain

Gram positive	13	81.25%	Acceptable
Gram negative	3	18.75%	

### Gram Stain Morphology

Cocci	13	81.25%	Acceptable
Diplococci	1	6.25%	
Coccobacilli	1	6.25%	
Rods/bacilli	1	6.25%	

Organism(s) present: *Streptococcus agalactiae* and *Staphylococcus epidermidis*.

### Specimen GC-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for <i>N. gonorrhoeae</i>	8	61.54%	Acceptable
<i>Neisseria gonorrhoeae</i>	3	23.08%	Acceptable
<i>Staphylococcus aureus</i>	2	15.38%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae* and *Staphylococcus aureus*.

### Specimen GC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for <i>N. gonorrhoeae</i>	9	69.23%	Acceptable
<i>Corynebacterium sp.</i>	2	15.38%	Acceptable
<i>Proteus vulgaris</i>	2	15.38%	Acceptable

Organism(s) present: *Proteus vulgaris* and *Corynebacterium sp.*

## GENITAL CULTURE

### Specimen GC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	9	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis* and *Staphylococcus epidermidis*.

### Specimen GC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presumptive for N. gonorrhoeae	8	88.89%	Acceptable
Neisseria gonorrhoeae	1	11.11%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae*.

**COLONY COUNT/PRESUMPTIVE IDENTIFICATION**

**Specimen CC-11**

<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	54	-	2	2	50
Calibrated Loop	18	-	-	-	18
HealthLink	1	-	-	-	1
Uri-Check	9	-	-	-	9
Uricult	24	-	1	2	21

**Identification–Specimen CC-11**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	6	50.00%	Acceptable
Presump. Gram negative	4	33.33%	Acceptable
Presump. Enterobacter sp.	1	8.33%	Acceptable
Enterobacter aerogenes	1	8.33%	Acceptable

Organism(s) present: >100,000 CFU/mL of *Enterobacter aerogenes*.

**Specimen CC-12**

<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	54	4	14	32	4
Calibrated Loop	18	-	-	17	1
HealthLink	1	-	-	1	-
Uri-Check	9	-	6	3	-
Uricult	24	4	8	10	2

**Identification–Specimen CC-12**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	6	46.15%	Acceptable
Presump. Gram positive	3	23.08%	Acceptable
Presump. Enterococcus sp.	1	7.69%	Acceptable
Presump. Staphylococcus sp.	1	7.69%	Acceptable
Staphylococcus saprophyticus	1	7.69%	Acceptable
Enterococcus (Strep) faecium	1	7.69%	Acceptable

Organism(s) present: 50,000 - 75,000 CFU/mL of *Enterococcus faecium* and <10,000 CFU/mL of *Staphylococcus saprophyticus*.

## COLONY COUNT/PRESUMPTIVE IDENTIFICATION

### Identification–Specimen CC-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	10	100%	Acceptable

Organism(s) present: No organism present.

### Identification–Specimen CC-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	4	36.36%	Acceptable
Presump. Gram negative	3	27.27%	Acceptable
Presump. Escherichia coli	2	18.18%	Acceptable
Staphylococcus epidermidis	1	9.09%	Acceptable
Escherichia coli	1	9.09%	Acceptable

Organism(s) present: 50,000 - 75,000 CFU/mL of *Escherichia coli* and <10,000 CFU/mL *Staphylococcus epidermidis*.

### Identification–Specimen CC-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	5	50.00%	Acceptable
Growth, referred for identification	4	40.00%	Acceptable
Morganella morganii	1	10.00%	Acceptable

Organism(s) present: >100,000 CFU/mL of *Morganella morganii* and <10,000 CFU/mL of *Corynebacterium sp.*



## DERMATOPHYTE SCREEN

### Specimen DM-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	6	66.67%	Acceptable
Dermatophyte absent	3	33.33%	

Organism(s) present: *Trichophyton rubrum*. This is an ungraded challenge due to less than 80% consensus.

### Specimen DM-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	8	88.89%	Acceptable
Dermatophyte present	1	11.11%	

Organism(s) present: *Aspergillus niger*.

## GRAM STAIN

### Specimen GS-11

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

### Gram Stain Morphology

Rods/bacilli	16	100%	Acceptable
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Organism(s) present: *Escherichia coli*.

### Specimen GS-12

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	16	88.89%	Acceptable
Gram positive	2	11.11%	

### Gram Stain Morphology

Diplococci	11	68.75%	Acceptable
Cocci	4	25.00%	Acceptable
Coccobacilli	1	6.25%	

Organism(s) present: *Neisseria meningitidis*.

## GRAM STAIN

### Specimen GS-13

<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	2	12.50%	
Coccobacilli	1	6.25%	

Organism(s) present: *Streptococcus agalactiae*.

### Specimen GS-14

<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	16	100%	Acceptable
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Organism(s) present: *Streptococcus pyogenes*.

### Specimen GS-15

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	16	88.89%	Acceptable
Gram positive	1	5.56%	
No organism(s) present	1	5.56%	

#### Gram Stain Morphology

Rods/bacilli	9	56.25%	Acceptable
Coccobacilli	4	25.00%	Acceptable
Cocci	3	18.75%	

Organism(s) present: *Klebsiella pneumoniae*.

## AFFIRM VP III–Trichomonas vaginalis

### Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

### Specimen VP-12

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*

### Specimen VP-13

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

Organism(s) present: *Gardnerella vaginalis*.

### Specimen VP-14

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

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

### Specimen VP-15

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

Organism(s) present: *Escherichia coli*.

## AFFIRM VP III–Gardnerella vaginalis

### Specimen VP-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

### Specimen VP-12

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

Organism(s) present: *Trichomonas vaginalis*

### Specimen VP-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis*.

### Specimen VP-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	26	92.86%	Acceptable
Negative	2	7.14%	

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

### Specimen VP-15

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

Organism(s) present: *Escherichia coli*.

**AFFIRM VP III–Candida sp.**

**Specimen VP-11**

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

Organism(s) present: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

**Specimen VP-12**

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

Organism(s) present: *Trichomonas vaginalis*

**Specimen VP-13**

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

Organism(s) present: *Gardnerella vaginalis*.

**Specimen VP-14**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	28	100%	Acceptable

Organism(s) present: *Candida* species and *Gardnerella vaginalis*.

**Specimen VP-15**

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	27	96.43%	Acceptable
Positive	1	3.57%	

Organism(s) present: *Escherichia coli*.

## CHLAMYDIA (ANTIGEN DETECTION)

### Specimen CY-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	12	-	12
BD ProbeTec	3	-	3
BD Viper	1	-	1
Cepheid GeneXpert	2	-	2
Quidel QuickVue	4	-	4
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Neisseria gonorrhoeae*.

### Specimen CY-12

<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	3	3	-
Quidel QuickVue	4	4	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*.

### Specimen CY-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	-	11
BD ProbeTec	3	-	3
BD Viper	1	-	1
Cepheid GeneXpert	3	-	3
Quidel QuickVue	2	-	2
Roche COBAS Amplicor	2	-	2

Antigen(s) present: No antigen present.

### Specimen CY-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	11	-
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	3	3	-
Quidel QuickVue	2	2	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*.

## CHLAMYDIA (ANTIGEN DETECTION)

### Specimen CY-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	11	9	2
BD ProbeTec	3	3	-
BD Viper	1	1	-
Cepheid GeneXpert	3	3	-
Quidel QuickVue	2	-	2
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Neisseria gonorrhoeae* and *Chlamydia trachomatis*.

## GC (ANTIGEN DETECTION)

### Specimen CY-11

<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	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Neisseria gonorrhoeae*.

### Specimen CY-12

<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	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*.

### Specimen CY-13

<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	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: No antigen present.

## GC (ANTIGEN DETECTION)

### Specimen CY-14

<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	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*.

### Specimen CY-15

<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	3	3	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Neisseria gonorrhoeae* and *Chlamydia trachomatis*.



## CRYPTOSPORIDIUM ANTIGEN DETECTION

### Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere CRYPTOSPORIDIUM II	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

### Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	-	1
Alere CRYPTOSPORIDIUM II	1	-	1

Antigen(s) present: No antigen present.

### Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere CRYPTOSPORIDIUM II	1	1	-

Antigen(s) present: *Cryptosporidium*.

### Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere CRYPTOSPORIDIUM II	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

### Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	-	1
Alere CRYPTOSPORIDIUM II	1	-	1

Antigen(s) present: *Giardia lamblia*.

## GIARDIA LAMBLIA ANTIGEN DETECTION

### Specimen LC-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere GIARDIA II	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

### Specimen LC-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	-	1
Alere GIARDIA II	1	-	1

Antigen(s) present: No antigen present.

### Specimen LC-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	-	1
Alere GIARDIA II	1	-	1

Antigen(s) present: *Cryptosporidium*.

### Specimen LC-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere GIARDIA II	1	1	-

Antigen(s) present: *Cryptosporidium* and *Giardia lamblia*.

### Specimen LC-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	1	1	-
Alere GIARDIA II	1	1	-

Antigen(s) present: *Giardia lamblia*.

## RSV ANTIGEN DETECTION

### Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	70	64	6
Alere Binax NOW - waived	36	35	1
BD Veritor - waived	1	1	-
Other Waived Method	2	-	2
Quidel QuickVue RSV - waived	13	12	1
Quidel QuickVue RSV 10 Test	2	2	-
Quidel Sofia - waived	12	12	-

Antigen(s) present: RSV.

### Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	69	6	63
Alere Binax NOW - waived	36	-	36
BD Veritor - waived	1	-	1
Other Waived Method	2	2	-
Quidel QuickVue RSV - waived	13	1	12
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia - waived	12	-	12

Antigen(s) present: Influenza A.

### Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Alere Binax NOW - waived	2	-	2
Quidel QuickVue RSV - waived	6	-	6
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia - waived	4	-	4

Antigen(s) present: Influenza A.

### Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Alere Binax NOW - waived	2	-	2
Quidel QuickVue RSV - waived	6	-	6
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia - waived	4	-	4

Antigen(s) present: Influenza B.

## RSV ANTIGEN DETECTION

### Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
Alere Binax NOW - waived	2	-	2
Quidel QuickVue RSV - waived	6	-	6
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia - waived	4	-	4

Antigen(s) present: No antigen present.

## INFLUENZA A/B ANTIGEN DETECTION

### Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	35	3	32
Alere Binax NOW - waived	3	1	2
Henry Schein OneStep+ Flu A&B	1	-	1
Medline Influenza A&B	1	-	1
Other Waived Method	3	1	2
Quidel QuickVue Influenza	23	-	23
Quidel QuickVue Influenza A+B	2	1	1
Sekisui OSOM Influenza A&B	1	-	1
Sekisui OSOM Ultra -waived	1	-	1

Antigen(s) present: RSV.

### Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	36	34	2
Alere Binax NOW - waived	4	3	1
Henry Schein OneStep+ Flu A&B	1	1	-
Medline Influenza A&B	1	1	-
Other Waived Method	3	2	1
Quidel QuickVue Influenza	23	23	-
Quidel QuickVue Influenza A+B	2	2	-
Sekisui OSOM Influenza A&B	1	1	-
Sekisui OSOM Ultra -waived	1	1	-

Antigen(s) present: Influenza A.

### Specimen V-13

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

Antigen(s) present: Influenza A.

## INFLUENZA A/B ANTIGEN DETECTION

### Specimen V-14

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

Antigen(s) present: Influenza B.

### Specimen V-15

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

Antigen(s) present: No antigen present.

## INFLUENZA A ANTIGEN DETECTION

### Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	272	4	268
Alere Binax NOW - waived	52	-	52
Alere i Instrument - moderate	2	-	2
Alere i Instrument - waived	8	-	8
Alere Influenza A&B	8	-	8
BD Veritor - moderate	1	-	1
BD Veritor - waived	33	2	31
Henry Schein OneStep+ Flu A&B	7	-	7
Medline Influenza A&B	3	-	3
Other Waived Method	1	-	1
Quidel QuickVue Influenza	1	-	1
Quidel QuickVue Influenza A+B	28	1	27
Quidel Sofia - waived	118	1	117
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	6	-	6
Sekisui OSOM Ultra -waived	1	-	1

Antigen(s) present: RSV.

## INFLUENZA A ANTIGEN DETECTION

### Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	271	265	6
Alere Binax NOW - waived	51	50	1
Alere i Instrument - moderate	2	2	-
Alere i Instrument - waived	8	8	-
Alere Influenza A&B	8	8	-
BD Veritor - moderate	1	1	-
BD Veritor - waived	33	33	-
Henry Schein OneStep+ Flu A&B	7	5	2
Medline Influenza A&B	3	3	-
Other Waived Method	1	1	-
Quidel QuickVue Influenza	1	1	-
Quidel QuickVue Influenza A+B	28	27	1
Quidel Sofia - waived	118	117	1
Remel Xpect	3	3	-
Sekisui OSOM Influenza A&B	6	5	1
Sekisui OSOM Ultra -waived	1	1	-

Antigen(s) present: Influenza A.

### Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	94	-
Alere Binax NOW - waived	4	4	-
Alere i Instrument - waived	1	1	-
Alere Influenza A&B	2	2	-
BD Veritor - waived	1	1	-
Henry Schein OneStep+ Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	3	-
Quidel Sofia - waived	75	75	-
Remel Xpect	3	3	-
Sekisui OSOM Influenza A&B	4	4	-

Antigen(s) present: Influenza A.

### Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	1	93
Alere Binax NOW - waived	4	-	4
Alere i Instrument - waived	1	-	1
Alere Influenza A&B	2	-	2
BD Veritor - waived	1	-	1
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	75	1	74
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	4	-	4

Antigen(s) present: Influenza B.

## INFLUENZA A ANTIGEN DETECTION

### Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	1	93
Alere Binax NOW - waived	4	-	4
Alere i Instrument - waived	1	-	1
Alere Influenza A&B	2	-	2
BD Veritor - waived	1	-	1
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	75	1	74
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	4	-	4

Antigen(s) present: No antigen present.

## INFLUENZA B ANTIGEN DETECTION

### Specimen V-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	272	3	269
Alere Binax NOW - waived	52	-	52
Alere i Instrument - moderate	2	-	2
Alere i Instrument - waived	8	-	8
Alere Influenza A&B	8	-	8
BD Veritor - moderate	1	-	1
BD Veritor - waived	33	-	33
Henry Schein OneStep+ Flu A&B	7	-	7
Medline Influenza A&B	3	-	3
Other Waived Method	1	-	1
Quidel QuickVue Influenza	1	-	1
Quidel QuickVue Influenza A+B	28	1	27
Quidel Sofia - waived	118	1	117
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	6	1	5
Sekisui OSOM Ultra -waived	1	-	1

Antigen(s) present: RSV.

## INFLUENZA B ANTIGEN DETECTION

### Specimen V-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	271	4	267
Alere Binax NOW - waived	51	1	50
Alere i Instrument - moderate	2	-	2
Alere i Instrument - waived	8	-	8
Alere Influenza A&B	8	-	8
BD Veritor - moderate	1	-	1
BD Veritor - waived	33	-	33
Henry Schein OneStep+ Flu A&B	7	2	5
Medline Influenza A&B	3	-	3
Other Waived Method	1	-	1
Quidel QuickVue Influenza	1	-	1
Quidel QuickVue Influenza A+B	28	1	27
Quidel Sofia - waived	118	-	118
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	6	-	6
Sekisui OSOM Ultra -waived	1	-	1

Antigen(s) present: Influenza A.

### Specimen V-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	-	94
Alere Binax NOW - waived	4	-	4
Alere i Instrument - waived	1	-	1
Alere Influenza A&B	2	-	2
BD Veritor - waived	1	-	1
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	75	-	75
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	4	-	4

Antigen(s) present: Influenza A.

### Specimen V-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	94	-
Alere Binax NOW - waived	4	4	-
Alere i Instrument - waived	1	1	-
Alere Influenza A&B	2	2	-
BD Veritor - waived	1	1	-
Henry Schein OneStep+ Flu A&B	1	1	-
Quidel QuickVue Influenza A+B	3	3	-
Quidel Sofia - waived	75	75	-
Remel Xpect	3	3	-
Sekisui OSOM Influenza A&B	4	4	-

Antigen(s) present: Influenza B.



## INFLUENZA B ANTIGEN DETECTION

### Specimen V-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	94	2	92
Alere Binax NOW - waived	4	-	4
Alere i Instrument - waived	1	-	1
Alere Influenza A&B	2	-	2
BD Veritor - waived	1	-	1
Henry Schein OneStep+ Flu A&B	1	-	1
Quidel QuickVue Influenza A+B	3	-	3
Quidel Sofia - waived	75	2	73
Remel Xpect	3	-	3
Sekisui OSOM Influenza A&B	4	-	4

Antigen(s) present: No antigen present.

## CLOSTRIDIUM DIFFICILE ANTIGEN DETECTION

### Specimen AG-11

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Alere C. diff Quik Chek	5	5	-

Antigen(s) present: *Clostridium difficile*.

### Specimen AG-12

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Alere C. diff Quik Chek	5	-	5

Antigen(s) present: No antigen present.

### Specimen AG-13

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Alere C. diff Quik Chek	5	5	-

Antigen(s) present: *Clostridium difficile*.

### Specimen AG-14

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	5	-
Alere C. diff Quik Chek	5	5	-

Antigen(s) present: *Clostridium difficile* and Rotavirus.

## CLOSTRIDIUM DIFFICILE TOXIN ANTIGEN DETECTION

### Specimen AG-15

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	5	-	5
Alere C. diff Quik Chek	5	-	5

Antigen(s) present: Rotavirus.

## ROTAVIRUS ANTIGEN DETECTION

### Specimen AG-11

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

Antigen(s) present: *Clostridium difficile*.

### Specimen AG-12

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

Antigen(s) present: No antigen present.

### Specimen AG-13

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

Antigen(s) present: *Clostridium difficile*.

### Specimen AG-14

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

Antigen(s) present: *Clostridium difficile* and Rotavirus.

### Specimen AG-15

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

Antigen(s) present: Rotavirus.

**LEGIONELLA ANTIGEN DETECTION**

**Specimen L-11**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	15	14	1

**Specimen L-12**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	15	2	13

**Specimen L-13**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	15	-	15

**Specimen L-14**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	15	14	1

**Specimen L-15**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	15	1	14

**STREPTOCOCCUS PNEUMONIAE ANTIGEN**

**Specimen SP-11**

<b><u>Method</u></b>	<b><u>Labs</u></b>	<b><u>Positive</u></b>	<b><u>Negative</u></b>
Binax NOW	13	13	-

**Specimen SP-12**

<b><u>Method</u></b>	<b><u>Labs</u></b>	<b><u>Positive</u></b>	<b><u>Negative</u></b>
Binax NOW	13	-	13

**Specimen SP-13**

<b><u>Method</u></b>	<b><u>Labs</u></b>	<b><u>Positive</u></b>	<b><u>Negative</u></b>
Binax NOW	13	-	13

**Specimen SP-14**

<b><u>Method</u></b>	<b><u>Labs</u></b>	<b><u>Positive</u></b>	<b><u>Negative</u></b>
Binax NOW	13	13	-

**Specimen SP-15**

<b><u>Method</u></b>	<b><u>Labs</u></b>	<b><u>Positive</u></b>	<b><u>Negative</u></b>
Binax NOW	13	13	-

## PARASITOLOGY

### Specimen PA-11

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Iodamoeba buetschlii	1	100%	Acceptable

Parasite(s) present: *Iodamoeba buetschlii*.

### Specimen PA-12

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

Parasite(s) present: No parasites seen.

### Specimen PA-13

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Strongyloides stercoralis	1	100%	Acceptable

Parasite(s) present: *Strongyloides stercoralis*

### Specimen PA-14

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Entamoeba hartmanni	1	100%	Acceptable
Endolimax nana	1	100%	Acceptable
Trichuris trichiura eggs	1	100%	Acceptable

Parasite(s) present: *Entamoeba hartmanni*, *Endolimax nana* and *Trichuris trichiura* eggs.

### Specimen PA-15

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Trypanosoma brucei rhodesiense	1	100%	Acceptable

Parasite(s) present: *Trypanosoma brucei rhodesiense*.

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