

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

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Microbiology
2020 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	Gram Stain Morphology	80% Consensus
Affirm VP III Gardnerella Ag Detection	80% Consensus	Influenza A 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 (Cultures)	80% Consensus	MRSA Culture	80% Consensus
Bacterial Vaginosis (OSOM)	80% Consensus	Parasite Identification	80% Consensus
Chlamydia (EIA, DNA)	80% Consensus	Rotavirus Antigen Detection	80% Consensus
Clostridioides difficile Antigen Detection	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 Culture	80% Consensus	Trichomonas vaginalis (OSOM)	80% Consensus
GC (EIA, DNA)	80% Consensus		
Giardia lamblia Antigen Detection	80% Consensus		
Gram Stain	80% Consensus		

METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS CULTURE

Specimen MSA-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	10	100%	Acceptable

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

Specimen MSA-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	8	80.00%	Acceptable
Negative	2	20.00%	

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

Specimen MSA-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	10	100%	Acceptable

Organism(s) present: *Staphylococcus lugdunensis*

Specimen MSA-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	10	100%	Acceptable

Organism(s) present: *Streptococcus sanguinis* and *Haemophilus parainfluenzae*

Specimen MSA-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	10	100%	Acceptable

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

STREP A ANTIGEN DETECTION

Specimen RS-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	401	393	8
Alere Acceava Strep A Test	5	5	-
Alere i Instrument - waived	10	9	1
BD Veritor - waived	7	7	-
Beckman Coulter ICON DS	5	5	-
Beckman Coulter ICON SC	1	1	-
Cardinal Health Strep A - waived	5	5	-
Cepheid GeneXpert - waived	5	5	-
Consult Diagnostic Strep A Dipstick - Waived	49	46	3
Fisher HealthCare Sure-Vue	1	1	-
Fisher HealthCare Sure-Vue - waived	1	1	-
GenePOC revogene	3	3	-
Henry Schein One Step+ - waived	42	41	1
Jant Pharmacal Accustrip	1	1	-
LifeSign Status Strep A	1	1	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	11	11	-
Medline Strep A Test Strip	4	4	-
Meridian Illumigene	1	1	-
Meridian ImmunoCard STAT - waived	15	14	1
Other Waived Method	7	7	-
Quidel QuickVue Dipstick Strep	33	33	-
Quidel QuickVue In-Line	33	32	1
Quidel QuickVue+	6	6	-
Quidel Sofia / Sofia 2 - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	16	15	1
Quidel Solana	2	2	-
Roche cobas Liat	3	3	-
Sekisui OSOM	92	92	-
Sekisui OSOM Ultra -waived	36	36	-
Stanbio QuStick Strep A	1	1	-

STREP A ANTIGEN DETECTION

Specimen RS-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	398	386	12
Alere Acceava Strep A Test	5	5	-
Alere i Instrument - waived	10	9	1
BD Veritor - waived	6	5	1
Beckman Coulter ICON DS	5	5	-
Beckman Coulter ICON SC	1	1	-
Cardinal Health Strep A - waived	5	5	-
Cepheid GeneXpert - waived	5	5	-
Consult Diagnostic Strep A Dipstick - Waived	49	46	3
Fisher HealthCare Sure-Vue	1	1	-
Fisher HealthCare Sure-Vue - waived	1	1	-
GenePOC revogene	3	3	-
Henry Schein One Step+ - waived	42	42	-
Jant Pharmacal Accustrip	1	1	-
LifeSign Status Strep A	1	1	-
McKesson Strep A Cassette	1	1	-
McKesson Strep A Dipstick	10	9	1
Medline Strep A Test Strip	4	4	-
Meridian Illumigene	1	1	-
Meridian ImmunoCard STAT - waived	15	15	-
Other Waived Method	7	7	-
Quidel QuickVue Dipstick Strep	32	30	2
Quidel QuickVue In-Line	33	32	1
Quidel QuickVue+	6	6	-
Quidel Sofia / Sofia 2 - waived	2	2	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	16	16	-
Quidel Solana	2	2	-
Roche cobas Liat	3	3	-
Sekisui OSOM	92	90	2
Sekisui OSOM Ultra -waived	36	35	1
Stanbio QuStick Strep A	1	1	-

STREP A ANTIGEN DETECTION

Specimen RS-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	-	50
Alere Acceava Strep A Test	1	-	1
Alere i Instrument - waived	2	-	2
BD Veritor - waived	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	10	-	10
Henry Schein One Step+ - waived	3	-	3
McKesson Strep A Dipstick	2	-	2
Meridian Illumigene	1	-	1
Quidel QuickVue Dipstick Strep	9	-	9
Quidel QuickVue In-Line	8	-	8
Quidel QuickVue+	2	-	2
Quidel Sofia / Sofia 2 - waived	1	-	1
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	1	-	1
Quidel Solana	2	-	2
Roche cobas Liat	1	-	1
Sekisui OSOM Ultra -waived	4	-	4

STREP A ANTIGEN DETECTION

Specimen RS-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	-	50
Alere Acceava Strep A Test	1	-	1
Alere i Instrument - waived	2	-	2
BD Veritor - waived	1	-	1
Consult Diagnostic Strep A Dipstick - Waived	10	-	10
Henry Schein One Step+ - waived	3	-	3
McKesson Strep A Dipstick	2	-	2
Meridian Illumigene	1	-	1
Quidel QuickVue Dipstick Strep	9	-	9
Quidel QuickVue In-Line	8	-	8
Quidel QuickVue+	2	-	2
Quidel Sofia / Sofia 2 - waived	1	-	1
Quidel Sofia Strep A - moderate	2	-	2
Quidel Sofia Strep A+ - waived	1	-	1
Quidel Solana	2	-	2
Roche cobas Liat	1	-	1
Sekisui OSOM Ultra -waived	4	-	4

Specimen RS-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	50	49	1
Alere Acceava Strep A Test	1	1	-
Alere i Instrument - waived	2	2	-
BD Veritor - waived	1	1	-
Consult Diagnostic Strep A Dipstick - Waived	10	10	-
Henry Schein One Step+ - waived	3	3	-
McKesson Strep A Dipstick	2	2	-
Meridian Illumigene	1	1	-
Quidel QuickVue Dipstick Strep	9	9	-
Quidel QuickVue In-Line	8	7	1
Quidel QuickVue+	2	2	-
Quidel Sofia / Sofia 2 - waived	1	1	-
Quidel Sofia Strep A - moderate	2	2	-
Quidel Sofia Strep A+ - waived	1	1	-
Quidel Solana	2	2	-
Roche cobas Liat	1	1	-
Sekisui OSOM Ultra -waived	4	4	-

MISCELLANEOUS CULTURES

Specimen BA-4 – Blood Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pediococcus sp.	3	60.00%	Acceptable
Pediococcus acidilactici	2	40.00%	Acceptable

Organism(s) present: *Pediococcus acidilactici*

Specimen BA-5 – Stool Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Vibrio parahaemolyticus	3	60.00%	Acceptable
Vibrio sp.	2	40.00%	

Organism(s) present: *Vibrio parahaemolyticus*

Specimen BA-6 – Eye Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Haemophilus parainfluenzae	3	30.00%	Acceptable
Haemophilus sp.	2	20.00%	Acceptable
Corynebacterium sp.	5	50.00%	Acceptable

Organism(s) present: *Haemophilus parainfluenzae* and *Corynebacterium xerosis*.

THROAT CULTURE

Specimen TC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive for Group A Strep	46	59.74%	Acceptable
Presump. Positive for Group A Strep	28	36.36%	Acceptable
Streptococcus pyogenes	2	2.60%	Acceptable

Organism(s) present: *Streptococcus pyogenes* and *Listeria monocytogenes*

Specimen TC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	74	97.37%	Acceptable
Normal flora	1	1.32%	Acceptable

Organism(s) present: *Neisseria sicca*

Specimen TC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	40	86.96%	Acceptable
Positive for Group A Strep	4	8.70%	

Organism(s) present: *Pseudomonas aeruginosa* and *Streptococcus salivarius*

Specimen TC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for Group A Strep	44	100%	Acceptable

Organism(s) present: *Klebsiella pneumoniae* and *Corynebacterium xerosis*

Specimen TC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Positive for Group A Strep	22	50.00%	Acceptable
Positive for Group A Strep	20	45.45%	Acceptable

Organism(s) present: *Streptococcus pyogenes*

URINE CULTURE

Specimen UC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	17	38.64%	Acceptable
Gram negative coccobacilli	9	20.45%	Acceptable
Presumptive Gram negative	7	15.91%	Acceptable
Acinetobacter sp.	6	13.64%	Acceptable
Gram negative bacilli	1	2.27%	Acceptable
Acinetobacter baumannii	1	2.27%	Acceptable

Gram Stain

Gram negative	19	100%	Acceptable
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Gram Stain Morphology

Coccobacilli	12	63.16%	Acceptable
Rods/bacilli	7	36.84%	Acceptable

Organism(s) present: *Acinetobacter baumannii*

Specimen UC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staph-coagulase negative	29	65.91%	Acceptable
Growth, referred for identification	7	15.91%	Acceptable
Staphylococcus sp.	3	6.82%	Acceptable
Presump. Staphylococcus sp.	2	4.55%	Acceptable
Staphylococcus simulans	2	4.55%	Acceptable
Gram positive cocci	1	2.27%	Acceptable

Organism(s) present: *Staphylococcus simulans* and *Staphylococcus epidermidis*

URINE CULTURE

Specimen UC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	25	92.59%	Acceptable
Growth, referred for identification	2	7.41%	

Organism(s) present: No growth (sterile)

Specimen UC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus pyogenes	6	26.09%	Acceptable
Enterobacter sp.	5	21.74%	Acceptable
Klebsiella aerogenes	4	17.39%	Acceptable
Presump. Gram negative	2	8.70%	Acceptable
Presump. Streptococcus sp.	1	4.35%	Acceptable
Presump. Enterobacter sp.	1	4.35%	Acceptable
Growth, referred for identification	1	4.35%	Acceptable

Organism(s) present: *Klebsiella aerogenes* and *Streptococcus pyogenes*

Specimen UC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Providencia stuartii	5	27.78%	Acceptable
Providencia sp.	2	11.11%	Acceptable
Presump. Gram negative	2	11.11%	Acceptable
Presump. Gram positive	2	11.11%	Acceptable
Presump. Streptococcus sp.	1	5.56%	Acceptable
Streptococcus mitis	1	5.56%	Acceptable
Streptococcus alpha-hemolytic	1	5.56%	Acceptable
Growth, referred for identification	1	5.56%	Acceptable
Presump. Providencia sp.	1	5.56%	Acceptable

Organism(s) present: *Providencia stuartii* and *Streptococcus mitis*

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-6, CC-6 (SUS-6) Organism(s) present: *Acinetobacter baumannii*

<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>	
Amoxicillin/Clavulanate	3	-	-	3	-	-	-	-	100.00%
Ampicillin	19	-	-	19	-	-	-	-	100.00%
Ampicillin/Sulbactam	-	-	-	-	3	-	-	3	100.00%
Cefazolin	3	-	-	3	-	-	-	-	Inappropriate drug ¹
Cefdinir	1	-	-	1	-	-	-	-	Inappropriate drug ¹
Cefepime	-	-	-	-	2	-	-	2	100.00%
Cefixime	3	-	-	3	-	-	-	-	Inappropriate drug ¹
Ceftazidime	-	-	-	-	2	-	-	2	100.00%
Ceftriaxone	2	-	-	2	2	-	-	2	100.00%
Ciprofloxacin	22	-	-	22	4	-	-	4	100.00%
Gentamicin	15	-	-	15	4	-	-	4	100.00%
Imipenem	-	-	-	-	2	2	-	-	100.00%
Levofloxacin	3	-	-	3	4	-	-	4	100.00%
Meropenem	-	-	-	-	2	2	-	-	100.00%
Nitrofurantoin	12	-	-	12	-	-	-	-	Inappropriate drug ¹
Piperacillin/Tazobactam	-	-	-	-	2	-	-	2	100.00%
Tetracycline	5	-	-	5	1	-	1	-	83.33%
Tobramycin	2	-	-	2	4	-	-	4	100.00%
Trimethoprim/Sulfamethoxazole	18	-	-	18	2	-	-	2	100.00%

NOTE: Please be aware that CLSI issues annual editions of M100, the standards used by all proficiency testing programs for grading of susceptibilities. Drugs considered appropriate may change significantly with subsequent editions. The current edition of the CLSI M100 document is accessible online at CLSI.org under Standards>Free Resources.

¹ This is an inappropriate drug for the organism and/or source

GENITAL CULTURE

Specimen GC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	16	50.00%	Acceptable
Staphylococcus aureus	14	43.75%	Acceptable
Staph – coagulase negative	1	3.13%	Acceptable

Gram Stain

Gram positive	7	100%	Acceptable
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Gram Stain Morphology

Cocci	7	100%	Acceptable
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Organism(s) present: *Staphylococcus aureus* and *Staphylococcus epidermidis*

Specimen GC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. for N. gonorrhoeae	5	83.33%	Acceptable
Neisseria gonorrhoeae	1	16.67%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae* and *Streptococcus salivarius*

Specimen GC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	6	60.00%	Acceptable
Staph – coagulase negative	2	20.00%	Acceptable
Klebsiella oxytoca	1	10.00%	Acceptable

Organism(s) present: *Klebsiella oxytoca* and *Staphylococcus lugdunensis*

Specimen GC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative for N. gonorrhoeae	3	75.00%	Acceptable
Gram positive cocci	1	25.00%	Acceptable

Organism(s) present: *Escherichia coli* and *Enterococcus faecalis*

Specimen GC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. for N. gonorrhoeae	4	100%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Specimen CC-6

<u>Method</u>	<u>Labs</u>	<u>No growth</u>	<u><10,000 organisms/mL</u>	<u>10,000-100,000 organisms/mL</u>	<u>>100,000 organisms/mL</u>
ALL METHODS	35	-	-	1	34
Calibrated Loop	17	-	-	-	17
Uri-Check	2	-	-	-	2
Uricult	16	-	-	1	15

Identification–Specimen CC-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	6	85.71%	Acceptable
Gram negative bacilli	1	14.29%	Acceptable

Organism(s) present: *Acinetobacter baumannii*

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	35	6	13	15	1
Calibrated Loop	17	2	2	12	1
Uri-Check	2	-	1	1	-
Uricult	16	4	10	2	-

Identification–Specimen CC-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	6	85.71%	Acceptable
Gram positive cocci	1	14.29%	Acceptable

Organism(s) present: *Staphylococcus simulans* and *Staphylococcus epidermidis*

COLONY COUNT/PRESUMPTIVE IDENTIFICATION

Identification—Specimen CC-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth (sterile)	5	100%	Acceptable

Organism(s) present: No growth (sterile)

Identification—Specimen CC-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	5	71.43%	Acceptable
Gram negative bacilli	1	14.29%	Acceptable
Gram positive cocci	1	14.29%	Acceptable

Organism(s) present: *Klebsiella aerogenes* and *Streptococcus pyogenes*

Identification—Specimen CC-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	5	83.33%	Acceptable
Gram negative bacilli	1	16.67%	Acceptable

Organism(s) present: *Providencia stuartii* and *Streptococcus mitis*

GRAM STAIN

Specimen GS-6

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	8	61.54%	Not graded
Gram negative	5	38.46%	

Gram Stain Morphology

Rods/bacilli	9	100%	Acceptable
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Organism(s) present: *Nocardia brasiliensis*. *Nocardia brasiliensis* is an aerobic organism usually associated with cutaneous infections, and generally prevalent in arid, warm climates. *N. brasiliensis* is a thin, gram-positive bacillus that forms branching filaments and has a beaded appearance. This beading pattern is due to body of bacterium appearing more intensely stained than the filaments, and is a good indicator of the *Nocardia* species.

Specimen GS-7

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	12	92.31%	Acceptable
Gram positive	1	7.69%	

Gram Stain Morphology

Diplococci	7	77.78%	Acceptable
Cocci	2	22.22%	Acceptable

Organism(s) present: *Neisseria gonorrhoeae*

GRAM STAIN

Specimen GS-8

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	13	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	8	88.89%	Acceptable
Coccobacilli	1	11.11%	

Organism(s) present: *Stenotrophomonas maltophilia*

Specimen GS-9

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	12	92.31%	Acceptable
Gram negative	1	7.69%	

Gram Stain Morphology

Cocci	8	88.89%	Acceptable
Diplococci	1	11.11%	

Organism(s) present: *Staphylococcus saprophyticus*

Specimen GS-10

<u>Reaction</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	13	100%	Acceptable

Gram Stain Morphology

Rods/bacilli	6	66.67%	Acceptable
Coccobacilli	2	22.22%	Acceptable
Cocci	1	11.11%	

Organism(s) present: *Haemophilus influenzae*

AFFIRM VP III–Trichomonas vaginalis

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	19	100%	Acceptable

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

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	19	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*

Specimen VP-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis*

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

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

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: Negative (sterile)

AFFIRM VP III–Gardnerella vaginalis

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	19	100%	Acceptable

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

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*

Specimen VP-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	18	94.74%	Acceptable
Negative	1	5.26%	

Organism(s) present: *Gardnerella vaginalis*

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	18	94.74%	Acceptable
Negative	1	5.26%	

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

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: Negative (sterile)

AFFIRM VP III–Candida sp.

Specimen VP-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

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

Specimen VP-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: *Trichomonas vaginalis*

Specimen VP-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: *Gardnerella vaginalis*

Specimen VP-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	19	100%	Acceptable

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

Specimen VP-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	19	100%	Acceptable

Organism(s) present: Negative (sterile)

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
BD Max	2	-	2
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert - moderate	7	-	7
Quidel QuickVue	3	-	3
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Neisseria gonorrhoeae*

Specimen CY-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	16	1
BD Max	2	2	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert - moderate	7	7	-
Quidel QuickVue	3	2	1
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*

Specimen CY-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	-	15
BD Max	2	-	2
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert - moderate	7	-	7
Quidel QuickVue	1	-	1
Roche COBAS Amplicor	2	-	2

Antigen(s) present: Negative (sterile)

Specimen CY-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
BD Max	2	2	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert - moderate	7	7	-
Quidel QuickVue	1	1	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Chlamydia trachomatis*

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	15	15	-
BD Max	2	2	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert - moderate	7	7	-
Quidel QuickVue	1	1	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *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	14	14	-
BD Max	2	2	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert - moderate	7	7	-
Roche COBAS Amplicor	2	2	-

Antigen(s) present: *Neisseria gonorrhoeae*

Specimen CY-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
BD Max	2	-	2
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert - moderate	7	-	7
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*

Specimen CY-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
BD Max	2	-	2
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert - moderate	7	-	7
Roche COBAS Amplicor	2	-	2

Antigen(s) present: Negative (sterile)

GC (ANTIGEN DETECTION)

Specimen CY-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	-	14
BD Max	2	-	2
BD ProbeTec	2	-	2
BD Viper	1	-	1
Cepheid GeneXpert - moderate	7	-	7
Roche COBAS Amplicor	2	-	2

Antigen(s) present: *Chlamydia trachomatis*

Specimen CY-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	14	14	-
BD Max	2	2	-
BD ProbeTec	2	2	-
BD Viper	1	1	-
Cepheid GeneXpert - moderate	7	7	-
Roche COBAS Amplicor	2	2	-

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

CRYPTOSPORIDIUM ANTIGEN DETECTION

Specimen LC-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	3	-
Antigen(s) present: <i>Cryptosporidium</i> and <i>Giardia lamblia</i>			

Specimen LC-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	-	3
Antigen(s) present: Negative (sterile)			

Specimen LC-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	3	-
Antigen(s) present: <i>Cryptosporidium</i>			

Specimen LC-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	3	-
Antigen(s) present: <i>Cryptosporidium</i> and <i>Giardia lamblia</i>			

Specimen LC-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	-	3
Antigen(s) present: <i>Giardia lamblia</i>			

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen LC-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	4	-

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

Specimen LC-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	-	4

Antigen(s) present: Negative (sterile)

Specimen LC-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	-	4

Antigen(s) present: *Cryptosporidium*

Specimen LC-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	4	-

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

Specimen LC-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	4	4	-

Antigen(s) present: *Giardia lamblia*

RSV ANTIGEN DETECTION

Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	71	70	1
Abbott ID NOW	2	2	-
Alere Binax NOW - waived	27	27	-
BD Veritor - moderate	3	3	-
BD Veritor - waived	5	5	-
Quidel QuickVue RSV - waived	11	11	-
Quidel QuickVue RSV 10 Test	2	2	-
Quidel Sofia / Sofia 2 - waived	18	17	1
Roche cobas Liat	3	3	-

Antigen(s) present: RSV

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	71	4	67
Abbott ID NOW	2	-	2
Alere Binax NOW - waived	27	1	26
BD Veritor - moderate	3	-	3
BD Veritor - waived	5	-	5
Quidel QuickVue RSV - waived	11	1	10
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia / Sofia 2 - waived	18	2	16
Roche cobas Liat	3	-	3

Antigen(s) present: Influenza A

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
Alere Binax NOW - waived	2	-	2
BD Veritor - moderate	3	-	3
BD Veritor - waived	1	-	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia / Sofia 2 - waived	5	-	5
Roche cobas Liat	1	-	1

Antigen(s) present: Influenza A

RSV ANTIGEN DETECTION

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
Alere Binax NOW - waived	2	-	2
BD Veritor - moderate	3	-	3
BD Veritor - waived	1	-	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia / Sofia 2 - waived	5	-	5
Roche cobas Liat	1	-	1

Antigen(s) present: Influenza B

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	17	-	17
Alere Binax NOW - waived	2	-	2
BD Veritor - moderate	3	-	3
BD Veritor - waived	1	-	1
Quidel QuickVue RSV - waived	3	-	3
Quidel QuickVue RSV 10 Test	2	-	2
Quidel Sofia / Sofia 2 - waived	5	-	5
Roche cobas Liat	1	-	1

Antigen(s) present: Negative (sterile)

INFLUENZA A ANTIGEN DETECTION
Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	273	4	269
Abbott ID NOW	3	-	3
Alere Binax NOW - waived	2	-	2
Alere i Instrument - moderate	1	-	1
Alere i Instrument - waived	6	-	6
Alere Influenza A&B	2	-	2
BD Veritor - moderate	5	-	5
BD Veritor - waived	46	3	43
BioSign Flu A+B	5	-	5
Cepheid GeneXpert - moderate	1	-	1
Cepheid GeneXpert - waived	5	-	5
Henry Schein OneStep+ Flu A&B	2	-	2
McKesson Consult Diag. Flu A & B	30	-	30
Meridian ImmunoCard STAT - waived	2	-	2
OraSure QuickFlu	2	-	2
Quidel QuickVue Influenza A+B	15	-	15
Quidel Sofia / Sofia 2 - waived	120	1	119
Quidel Solana	1	-	1
Roche cobas Liat	4	-	4
Sekisui OSOM Influenza A&B	4	-	4
Sekisui OSOM Ultra -waived	16	-	16
Sekisui Silaris	1	-	1

Antigen(s) present: RSV

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	272	268	4
Abbott ID NOW	3	3	-
Alere Binax NOW - waived	2	2	-
Alere i Instrument - moderate	1	1	-
Alere i Instrument - waived	6	6	-
Alere Influenza A&B	2	2	-
BD Veritor - moderate	5	5	-
BD Veritor - waived	46	45	1
BioSign Flu A+B	5	5	-
Cepheid GeneXpert - moderate	1	1	-
Cepheid GeneXpert - waived	4	4	-
Henry Schein OneStep+ Flu A&B	2	2	-
McKesson Consult Diag. Flu A & B	30	30	-
Meridian ImmunoCard STAT - waived	2	2	-
OraSure QuickFlu	2	2	-
Quidel QuickVue Influenza A+B	15	15	-
Quidel Sofia / Sofia 2 - waived	120	117	3
Quidel Solana	1	1	-
Roche cobas Liat	4	4	-
Sekisui OSOM Influenza A&B	4	4	-
Sekisui OSOM Ultra -waived	16	16	-
Sekisui Silaris	1	1	-

Antigen(s) present: Influenza A

INFLUENZA A ANTIGEN DETECTION

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	20	20	-
Alere Binax NOW - waived	1	1	-
Alere i Instrument - waived	1	1	-
BD Veritor - moderate	5	5	-
BioSign Flu A+B	1	1	-
Cepheid GeneXpert - moderate	1	1	-
McKesson Consult Diag. Flu A & B	2	2	-
Quidel QuickVue Influenza A+B	2	2	-
Quidel Sofia / Sofia 2 - waived	5	5	-
Quidel Solana	1	1	-
Roche cobas Liat	1	1	-

Antigen(s) present: Influenza A

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	20	1	19
Alere Binax NOW - waived	1	-	1
Alere i Instrument - waived	1	-	1
BD Veritor - moderate	5	-	5
BioSign Flu A+B	1	-	1
Cepheid GeneXpert - moderate	1	-	1
McKesson Consult Diag. Flu A & B	2	-	2
Quidel QuickVue Influenza A+B	2	1	1
Quidel Sofia / Sofia 2 - waived	5	-	5
Quidel Solana	1	-	1
Roche cobas Liat	1	-	1

Antigen(s) present: Influenza B

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	20	-	20
Alere Binax NOW - waived	1	-	1
Alere i Instrument - waived	1	-	1
BD Veritor - moderate	5	-	5
BioSign Flu A+B	1	-	1
Cepheid GeneXpert - moderate	1	-	1
McKesson Consult Diag. Flu A & B	2	-	2
Quidel QuickVue Influenza A+B	2	-	2
Quidel Sofia / Sofia 2 - waived	5	-	5
Quidel Solana	1	-	1
Roche cobas Liat	1	-	1

Antigen(s) present: Negative (sterile)

INFLUENZA B ANTIGEN DETECTION
Specimen V-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	272	6	266
Abbott ID NOW	3	-	3
Alere Binax NOW - waived	2	-	2
Alere i Instrument - moderate	1	-	1
Alere i Instrument - waived	6	-	6
Alere Influenza A&B	2	-	2
BD Veritor - moderate	5	-	5
BD Veritor - waived	45	2	43
BioSign Flu A+B	5	-	5
Cepheid GeneXpert - moderate	1	-	1
Cepheid GeneXpert - waived	5	-	5
Henry Schein OneStep+ Flu A&B	2	-	2
McKesson Consult Diag. Flu A & B	30	-	30
Meridian ImmunoCard STAT - waived	2	-	2
OraSure QuickFlu	2	-	2
Quidel QuickVue Influenza A+B	14	-	14
Quidel Sofia / Sofia 2 - waived	120	4	116
Quidel Solana	1	-	1
Roche cobas Liat	4	-	4
Sekisui OSOM Influenza A&B	5	-	5
Sekisui OSOM Ultra -waived	15	-	15
Sekisui Silaris	1	-	1

Antigen(s) present: RSV

Specimen V-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	271	5	266
Abbott ID NOW	3	-	3
Alere Binax NOW - waived	2	-	2
Alere i Instrument - moderate	1	-	1
Alere i Instrument - waived	6	-	6
Alere Influenza A&B	2	1	1
BD Veritor - moderate	5	-	5
BD Veritor - waived	45	1	44
BioSign Flu A+B	5	-	5
Cepheid GeneXpert - moderate	1	-	1
Cepheid GeneXpert - waived	4	-	4
Henry Schein OneStep+ Flu A&B	2	-	2
McKesson Consult Diag. Flu A & B	30	1	29
Meridian ImmunoCard STAT - waived	2	-	2
OraSure QuickFlu	2	-	2
Quidel QuickVue Influenza A+B	14	-	14
Quidel Sofia / Sofia 2 - waived	120	1	119
Quidel Solana	1	-	1
Roche cobas Liat	4	-	4
Sekisui OSOM Influenza A&B	5	-	5
Sekisui OSOM Ultra -waived	15	-	15
Sekisui Silaris	1	-	1

Antigen(s) present: Influenza A

INFLUENZA B ANTIGEN DETECTION

Specimen V-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	19	-	19
Alere Binax NOW - waived	1	-	1
Alere i Instrument - waived	1	-	1
BD Veritor - moderate	5	-	5
BioSign Flu A+B	1	-	1
Cepheid GeneXpert - moderate	1	-	1
McKesson Consult Diag. Flu A & B	2	-	2
Quidel QuickVue Influenza A+B	1	-	1
Quidel Sofia / Sofia 2 - waived	5	-	5
Quidel Solana	1	-	1
Roche cobas Liat	1	-	1

Antigen(s) present: Influenza A

Specimen V-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	19	19	-
Alere Binax NOW - waived	1	1	-
Alere i Instrument - waived	1	1	-
BD Veritor - moderate	5	5	-
BioSign Flu A+B	1	1	-
Cepheid GeneXpert - moderate	1	1	-
McKesson Consult Diag. Flu A & B	2	2	-
Quidel QuickVue Influenza A+B	1	1	-
Quidel Sofia / Sofia 2 - waived	5	5	-
Quidel Solana	1	1	-
Roche cobas Liat	1	1	-

Antigen(s) present: Influenza B

INFLUENZA B ANTIGEN DETECTION

Specimen V-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	19	-	19
Alere Binax NOW - waived	1	-	1
Alere i Instrument - waived	1	-	1
BD Veritor - moderate	5	-	5
BioSign Flu A+B	1	-	1
Cepheid GeneXpert - moderate	1	-	1
McKesson Consult Diag. Flu A & B	2	-	2
Quidel QuickVue Influenza A+B	1	-	1
Quidel Sofia / Sofia 2 - waived	5	-	5
Quidel Solana	1	-	1
Roche cobas Liat	1	-	1

Antigen(s) present: Negative (sterile)

CLOSTRIDIoidES DIFFICILE ANTIGEN DETECTION

Specimen AG-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere C. diff Quik Chek	2	2	-

Antigen(s) present: *Clostridioides difficile*

Specimen AG-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere C. diff Quik Chek	2	-	2

Antigen(s) present: Negative (sterile)

Specimen AG-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Alere C. diff Quik Chek	2	2	-

Antigen(s) present: *Clostridioides difficile*

Specimen AG-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	2	-
Fisher HealthCare Sure-Vue	2	2	-

Antigen(s) present: *Clostridioides difficile* and Rotavirus

CLOSTRIDIoidES DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	2	-	2
Alere C. diff Quik Chek	2	-	2

Antigen(s) present: 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

Antigen(s) present: *Clostridioides difficile*

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

Antigen(s) present: Negative (sterile)

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

Antigen(s) present: *Clostridioides difficile*

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	-

Antigen(s) present: *Clostridioides difficile* and Rotavirus

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	-

Antigen(s) present: Rotavirus

LEGIONELLA ANTIGEN DETECTION

Specimen L-6

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	8	8	-

Specimen L-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	8	-	8

Specimen L-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	8	-	8

Specimen L-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	8	8	-

Specimen L-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	8	-	8

STREPTOCOCCUS PNEUMONIAE ANTIGEN**Specimen SP-6**

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	7	7	-

Specimen SP-7

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	7	-	7

Specimen SP-8

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	7	7	-

Specimen SP-9

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	7	-	7

Specimen SP-10

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	7	-	7

PARASITOLOGY

Specimen PA-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Endolimax nana	1	100%	Acceptable

Parasite(s) present: *Endolimax nana*

Specimen PA-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative (sterile)	1	100%	Acceptable

Parasite(s) present: Negative (sterile)

Specimen PA-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Ascaris lumbricoides	1	50.00%	Acceptable
Trichuris trichiura	1	50.00%	Acceptable

Parasite(s) present: *Ascaris lumbricoides* and *Trichuris trichiura*

Specimen PA-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Clonorchis sinensis	1	100%	Acceptable

Parasite(s) present: *Clonorchis sinensis*

Specimen PA-10

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

Parasite(s) present: Hookworm

DERMATOPHYTE CULTURE

Specimen DM-6

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive (Dermatophytes present)	5	83.33%	Acceptable
Negative (Dermatophytes absent)	1	16.67%	

Organism(s) present: *Trichophyton tonsurans*

Specimen DM-7

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive (Dermatophytes present)	4	66.67%	Not graded
Negative (Dermatophytes absent)	2	33.33%	

Organism(s) present: *Candida albicans* and *Staphylococcus saprophyticus*. This is an ungraded challenge due to lack of participant consensus.

Specimen DM-8

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive (Dermatophytes present)	5	83.33%	Acceptable
Negative (Dermatophytes absent)	1	16.67%	

Organism(s) present: *Microsporum canis*

Specimen DM-9

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive (Dermatophytes present)	4	66.67%	Not graded
Negative (Dermatophytes absent)	2	33.33%	

Organism(s) present: *Cryptococcus neoformans* and *Aspergillus flavus*. This is an ungraded challenge due to lack of participant consensus.

Specimen DM-10

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative (Dermatophytes absent)	4	66.67%	Not graded
Positive (Dermatophytes present)	2	33.33%	

Organism(s) present: *Trichophyton verrucosum*. This is an ungraded challenge due to lack of participant consensus.

Trichophyton verrucosum is a very slow growing dermatophyte that causes skin infection of the hair called Ectothrix. It is also the most common cause of tinea barbae in man.

Growth of *T. verrucosum* on fungal media produce small glabrous, button or disk-shaped, white to cream-colored colonies with a suede-like to velvety surface, a raised center, and flat periphery with some submerged growth. *T. verrucosum* prefers an optimum growth temperature of 37 C, one of the highest in the group, and can take up to two weeks for growth. Therefore, it is recommended that these cultures be plated as soon as the samples are received.

Daily observation and logging of fungal growth correlated with media color change is important in correctly interpreting dermatophyte cultures, as colony growth occurs concurrently with change in color of the culture media. Non-dermatophytic fungi can cause color change on fungal media, however they are darker looking colonies and their growth is well established before any color change appears on the media. As the morphology of bacterial colonies greatly differ from typical fungal colonies, any such growth can be easily identified.

BACTERIAL VAGINOSIS – OSOM - WAIVED

Specimen BV-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	-	7
Sekisui OSOM	7	-	7

Antigen(s) present: Negative (sterile)

Specimen BV-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	7	7	-
Sekisui OSOM	7	7	-

Antigen(s) present: *Gardnerella vaginalis*

TRICHOMONAS VAGINALIS – OSOM - WAIVED

Specimen TR-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	3	-
Sekisui OSOM	3	3	-

Antigen(s) present: *Trichomonas vaginalis*

Specimen TR-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
ALL METHODS	3	-	3
Sekisui OSOM	3	-	3

Antigen(s) present: Negative (sterile)

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