

MEDICAL LABORATORY EVALUATION

PARTICIPANT SUMMARY

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

Microbiology
MLE – A1

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2003 Evaluation Criteria

The evaluation criteria used in the 2003 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, HCFA requirements call for grading by referee consensus. A minimum percentage of participants or referee laboratories must receive a passing score or the challenge is not evaluated due to lack of consensus. These percentages are listed below.

Bacterial Identification	90% Consensus	Rotavirus Antigen Detection	90% Consensus
Urine Presumptive Identification	90% Consensus	RSV Antigen Detection	90% Consensus
Colony Count	80% Consensus	GC (EIA, DNA)	90% Consensus
Parasite Identification	90% Consensus	Antimicrobial Susceptibility Testing	90% Consensus
Strep A Antigen Detection	90% Consensus	Gram Stain	90% Consensus
Affirm VP III Gardnerella Ag Detection	90% Consensus	Gram Stain Morphology	Not Graded
Affirm VP III Candida Antigen Detection	80% Consensus	Beta-lactamase Testing	Not Graded
Affirm VP III Trichomonas Ag Detection	80% Consensus	C. Difficile Toxin/Antigen Detection	90% Consensus
Chlamydia (EIA, DNA)	90% Consensus	Dermatophyte Screen	80% Consensus
Cryptosporidium Antigen Detection	80% Consensus	Legionella Antigen Detection	90% Consensus
Giardia lamblia Antigen Detection	90% Consensus	Streptococcus pneumoniae Antigen Detection	90% Consensus
Influenza A Antigen Detection	90% Consensus		

THROAT CULTURE

Specimen TC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pos. Group A Strep	154	63.1%	Acceptable
Presump. Pos. Group A Strep	86	35.3%	Acceptable
Neg. Group A Strep	4	1.6%	

Organism present in specimen TC-1: *Streptococcus pyogenes*.

Specimen TC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Neg. Group A Strep	239	98.0%	Acceptable
Presump. Pos. Group A Strep	3	1.2%	
Pos. Group A Strep	1	0.4%	

Organisms present in specimen TC-2: *Staphylococcus aureus* and *Corynebacterium sp.*

Specimen TC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pos. Group A Strep	44	55.7%	Acceptable
Presump. Pos. Group A Strep	31	39.2%	Acceptable
Neg. Group A Strep	4	5.1%	

Organisms present in specimen TC-3: *Streptococcus pyogenes* and *Staphylococcus epidermidis*.

Specimen TC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Neg. Group A Strep	69	98.6%	Acceptable

Organisms present in specimen TC-4: *Branhamella catarrhalis* and *Corynebacterium sp.*

Specimen TC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Neg. Group A Strep	67	97.1%	Acceptable
Pos. Group A Strep	1	1.5%	

Organism present in specimen TC-5: *Haemophilus influenzae*.

STREP A ANTIGEN DETECTION

Specimen RS-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
All Methods	766	746	20	508	171	27
Abbott Signify Strep A-waived	98	98	-	62	26	4
Abbott TESTPACK Plus	1	1	-	-	1	-
Applied Biotech Signify	15	15	-	8	6	1
Applied Biotech SureStep	5	5	-	3	2	-
Applied Biotech SureStep II	7	7	-	6	1	-
BD Directigen	2	2	-	1	1	-
BD Directigen 1-2-3	4	4	-	1	1	2
BD LINK 2	7	7	-	4	2	1
BD QTest	31	31	-	9	18	3
Beckman Coulter ICON DS	12	12	-	6	2	4
Beckman Coulter ICON Fx Strep A	47	47	-	30	13	1
BioStar Acceava Strep A Test	78	77	1	54	15	2
BioStar OIA	1	1	-	-	-	-
BioStar Strep A MAX OIA	61	60	1	49	8	2
DE Healthcare TruView	1	1	-	-	1	-
Fisher Sure-Vue Strep A	7	7	-	3	4	-
Genzyme OSOM Ultra Strep A	28	28	-	16	6	-
Henry Schein One Step	2	2	-	1	-	1
LifeSign Status AccuStrep A	2	2	-	-	-	1
Mainline Confirms	4	4	-	1	2	-
Mainline Confirms Strep A Dots	1	1	-	-	1	-
Meridian ImmunoCard	1	1	-	-	1	-
Polymedco Polystat Strep A (I)	26	25	1	21	3	-
Polymedco Polystat Strep A (II)	19	19	-	12	7	-
Quidel Cards QS	16	16	-	8	8	-
Quidel QuickVue	33	30	3	21	4	-
Quidel QuickVue Dipstick Strep	3	3	-	3	-	-
Quidel QuickVue Flex	9	9	-	6	2	-
Quidel QuickVue In-Line	103	90	13	70	13	3
Quidel QuickVue+	95	94	1	80	12	1
Wampole Clearview	4	4	-	2	1	1
Wyntek OSOM	6	6	-	4	2	-
Wyntek OSOM Ultra Strep A	13	13	-	11	-	-

Specimen RS-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	722	8	714
Abbott Signify Strep A-waived	91	1	90
Abbott TESTPACK Plus	1	-	1
Applied Biotech Signify	11	1	10
Applied Biotech SureStep	5	-	5
Applied Biotech SureStep II	7	-	7
BD Directigen	2	-	2
BD Directigen 1-2-3	4	-	4
BD LINK 2	7	-	7
BD QTest	26	1	25
Beckman Coulter ICON DS	11	-	11
Beckman Coulter ICON Fx Strep A	47	1	46
BioStar Acceava Strep A Test	77	1	76

STREP A ANTIGEN DETECTION

Specimen RS-2 (cont'd)

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
BioStar OIA	1	-	1
BioStar Strep A MAX OIA	59	-	59
DE Healthcare TruView	1	-	1
Fisher Sure-Vue Strep A	6	-	6
Genzyme OSOM Ultra Strep A	26	1	25
Henry Schein One Step	2	-	2
LifeSign Status AccuStrep A	2	-	2
Mainline Confirms	2	-	2
Mainline Confirms Strep A Dots	1	-	1
Meridian ImmunoCard	1	-	1
Polymedco Polystat Strep A (I)	26	-	26
Polymedco Polystat Strep A (II)	16	-	16
Quidel Cards QS	13	1	12
Quidel QuickVue	31	-	31
Quidel QuickVue Dipstick Strep	3	-	3
Quidel QuickVue Flex	8	-	8
Quidel QuickVue In-Line	101	1	100
Quidel QuickVue+	92	-	92
Wampole Clearview	3	-	3
Wyntek OSOM	5	-	5
Wyntek OSOM Ultra Strep A	12	-	12

Specimen RS-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	480	3	477
Abbott Signify Strep A-waived	44	1	43
Applied Biotech Signify	11	1	10
Applied Biotech SureStep	4	-	4
Applied Biotech SureStep II	4	-	4
BD Directigen	2	-	2
BD Directigen 1-2-3	4	-	4
BD LINK 2	2	-	2
BD QTest	25	-	25
Beckman Coulter ICON DS	9	-	9
Beckman Coulter ICON Fx Strep A	20	-	20
BioStar Acceava Strep A Test	28	-	28
BioStar OIA	1	-	1
BioStar Strep A MAX OIA	58	1	57
Fisher Sure-Vue Strep A	3	-	3
Genzyme OSOM Ultra Strep A	17	-	17
Henry Schein One Step	2	-	2
LifeSign Status AccuStrep A	2	-	2
Mainline Confirms	2	-	2
Mainline Confirms Strep A Dots	1	-	1
Meridian ImmunoCard	1	-	1
Polymedco Polystat Strep A (I)	21	-	21
Polymedco Polystat Strep A (II)	11	-	11
Quidel Cards QS	13	-	13
Quidel QuickVue	25	-	25

STREP A ANTIGEN DETECTION

Specimen RS-3 (cont'd)

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Quidel QuickVue Dipstick Strep	3	-	3
Quidel QuickVue Flex	8	-	8
Quidel QuickVue In-Line	40	-	40
Quidel QuickVue+	91	-	91
Wampole Clearview	2	-	2
Wyntek OSOM	5	-	5
Wyntek OSOM Ultra Strep A	5	-	5

Specimen RS-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
All Methods	399	393	6	251	101	23
Abbott Signify Strep A-waived	33	32	1	19	12	-
Applied Biotech Signify	9	9	-	6	2	-
Applied Biotech SureStep	3	3	-	1	2	-
Applied Biotech SureStep II	4	4	-	2	2	-
BD Directigen	2	2	-	1	-	1
BD Directigen 1-2-3	4	4	-	2	1	1
BD LINK 2	2	2	-	-	1	1
BD QTest	22	22	-	9	6	6
Beckman Coulter ICON DS	9	9	-	4	1	4
Beckman Coulter ICON Fx Strep A	16	16	-	9	5	2
BioStar Acceava Strep A Test	19	19	-	13	2	-
BioStar OIA	1	1	-	-	-	-
BioStar Strep A MAX OIA	56	56	-	42	10	3
Fisher Sure-Vue Strep A	2	2	-	2	-	-
Genzyme OSOM Ultra Strep A	11	11	-	8	1	-
Henry Schein One Step	2	2	-	1	-	1
LifeSign Status AccuStrep A	1	1	-	-	-	-
Mainline Confirms	1	1	-	-	1	-
Mainline Confirms Strep A Dots	1	1	-	-	1	-
Meridian ImmunoCard	1	1	-	-	1	-
Polymedco Polystat Strep A (I)	21	21	-	15	6	-
Polymedco Polystat Strep A (II)	7	7	-	5	2	-
Quidel Cards QS	10	10	-	5	5	-
Quidel QuickVue	18	17	1	13	1	1
Quidel QuickVue Dipstick Strep	1	1	-	1	-	-
Quidel QuickVue Flex	6	6	-	3	3	-
Quidel QuickVue In-Line	35	31	4	17	13	-
Quidel QuickVue+	80	80	-	59	16	3
Wampole Clearview	2	2	-	-	2	-
Wyntek OSOM	4	4	-	4	-	-
Wyntek OSOM Ultra Strep A	2	2	-	1	-	-

Specimen RS-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
All Methods	397	388	9	238	112	22
Abbott Signify Strep A-waived	33	32	1	16	14	1
Applied Biotech Signify	8	8	-	4	2	2
Applied Biotech SureStep	3	3	-	1	-	2

STREP A ANTIGEN DETECTION

Specimen RS-5 (cont'd)

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>	<u>Strength of Reaction</u>		
				<u>Strong</u>	<u>Moderate</u>	<u>Weak</u>
Applied Biotech SureStep II	4	4	-	1	3	-
BD Directigen	2	2	-	-	1	1
BD Directigen 1-2-3	4	4	-	1	1	2
BD LINK 2	2	2	-	-	1	1
BD QTest	22	22	-	5	10	6
Beckman Coulter ICON DS	9	9	-	3	5	1
Beckman Coulter ICON Fx Strep A	16	16	-	5	10	1
BioStar Aceava Strep A Test	19	19	-	9	6	-
BioStar OIA	1	1	-	-	-	-
BioStar Strep A MAX OIA	56	55	1	43	9	2
Fisher Sure-Vue Strep A	2	2	-	1	1	-
Genzyme OSOM Ultra Strep A	11	11	-	9	-	-
Henry Schein One Step	2	1	1	1	-	-
LifeSign Status AccuStrep A	1	1	-	-	-	-
Mainline Confirms Strep A Dots	1	1	-	-	1	-
Meridian ImmunoCard	1	1	-	1	-	-
Polymedco Polystat Strep A (I)	21	21	-	16	5	-
Polymedco Polystat Strep A (II)	7	7	-	6	1	-
Quidel Cards QS	10	10	-	6	4	-
Quidel QuickVue	18	17	1	15	-	-
Quidel QuickVue Dipstick Strep	1	1	-	1	-	-
Quidel QuickVue Flex	6	6	-	5	1	-
Quidel QuickVue In-Line	35	31	4	19	9	2
Quidel QuickVue+	80	79	1	55	22	-
Wampole Clearview	2	2	-	-	1	1
Wyntek OSOM	4	4	-	3	1	-
Wyntek OSOM Ultra Strep A	2	2	-	1	-	-

GENERAL BACTERIOLOGY

Specimen UC-1 - Urine Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Klebsiella oxytoca	3	75.0%	Not graded
Escherichia coli	1	25.0%	

Gram Stain

Gram negative	3	100%	Acceptable
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Gram Stain Morphology

Rods/bacilli	3	100%
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Organism present in specimen UC-1: *Klebsiella oxytoca*. This is an ungraded challenge due to less than 90% participant consensus.

GENERAL BACTERIOLOGY

Specimen TC-1 – Throat Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Streptococcus pyogenes	4	100%	Acceptable

Organism present in specimen TC-1: *Streptococcus pyogenes*.

Specimen BA-1 - Wound Culture

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	4	100%	Acceptable

Organisms present in specimen BA-1: *Staphylococcus aureus* and *Staphylococcus epidermidis*.

Specimen BA-2 – Respiratory Culture (Sputum)

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Haemophilus influenzae	2	50.0%	Not graded
Escherichia coli	1	25.0%	
Streptococcus alpha-hemolytic	1	25.0%	

Organisms present in specimen BA-2: *Haemophilus influenzae* and *Streptococcus gordonii*. This is an ungraded challenge due to less than 90% participant consensus.

Specimen BA-3 – Respiratory Culture (Ear)

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No enteric pathogens isolated	1	33.3%	Not graded
Neisseria sicca	1	33.3%	
Neisseria mucosa	1	33.3%	

Organism present in specimen BA-3: *Neisseria mucosa*. This is an ungraded challenge due to less than 90% participant consensus.

URINE CULTURE

Specimen UC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Klebsiella oxytoca	48	26.7%	Not graded
Growth, referred for identification	33	18.3%	
Presump. Gram negative	28	15.6%	
Gram negative bacilli	20	11.1%	
Klebsiella sp.	11	6.1%	
Presump. Klebsiella sp.	3	1.7%	
Presump. Escherichia coli	19	10.6%	
Escherichia coli	8	4.4%	
Klebsiella pneumoniae	8	4.4%	

Gram Stain

Gram negative	76	98.7%	Acceptable
Gram positive	1	1.3%	

URINE CULTURE

Specimen UC-1 (cont'd)

Gram Stain Morphology

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>
Rods/bacilli	72	98.6%
Cocci in chains	1	1.4%

Organism present in specimen UC-1: *Klebsiella oxytoca*. This is an ungraded challenge due to less than 90% referee consensus.

Specimen UC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Staphylococcus aureus	57	30.3%	Acceptable
Growth, referred for identification	42	22.3%	Acceptable
Presump. Gram positive	31	16.5%	Acceptable
Gram positive cocci	25	13.3%	Acceptable
Staphylococcus sp.	11	5.9%	Acceptable
Presump. Staphylococcus sp.	11	5.9%	Acceptable
Corynebacterium sp.	5	2.7%	Acceptable

Organisms present in specimen UC-2: *Staphylococcus aureus* and *Corynebacterium sp.*

Specimen UC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Growth, referred for identification	29	28.7%	Acceptable
Presump. Gram negative	22	21.8%	Acceptable
Pseudomonas aeruginosa	17	16.8%	Acceptable
Presump. Pseudomonas sp.	12	11.9%	Acceptable
Pseudomonas sp.	9	8.9%	Acceptable
Gram negative bacilli	8	7.9%	Acceptable

Organisms present in specimen UC-3: *Pseudomonas aeruginosa* and *Lactobacillus casei*.

Specimen UC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	24	36.4%	Acceptable
Growth, referred for identification	11	16.7%	Acceptable
Serratia marcescens	10	15.2%	Acceptable
Gram negative bacilli	7	10.6%	Acceptable
Serratia sp.	3	4.6%	Acceptable
Gram positive cocci	2	3.0%	Acceptable
Presump. Gram positive	2	3.0%	Acceptable
Staphylococcus sp.	1	1.5%	Acceptable

Organisms present in specimen UC-4: *Serratia marcescens* and *Staphylococcus epidermidis*.

URINE CULTURE

Specimen UC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	20	31.8%	Not graded
Growth, referred for identification	16	25.4%	
Staphylococcus agalactiae	10	15.9%	
Gram positive cocci	6	9.5%	
Strep – beta hemo; not Grp A	2	3.2%	
Presumptive Streptococcus sp.	1	1.6%	

Organism present in specimen UC-5: *Streptococcus sp. Group B*. This is an ungraded challenge due to less than 90% referee consensus.

ANTIMICROBIAL SUSCEPTIBILIY TESTING

Specimen UC-1, CC-1 (SUS-1)

<u>Antimicrobial</u>	<u>-----Agar 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	3	3	-	-	5	5	-	-	100%
Amoxicillin/Clavulanate	15	15	-	-	11	10	-	1	97.2%
Ampicillin	100	4	4	92	16	-	-	16	91.6%
Ampicillin/Sulbactam	-	-	-	-	1	1	-	-	100%
Carbenicillin	36	4	2	30	4	-	-	4	Not graded ¹
Cefaclor	5	5	-	-	-	-	-	-	100%
Cefazolin	13	11	1	1	7	7	-	-	92.0%
Cefixime	12	12	-	-	-	-	-	-	100%
Cefotaxime	1	1	-	-	-	-	-	-	100%
Ceftazidime	1	1	-	-	2	2	-	-	100%
Ceftriaxone	9	9	-	-	8	8	-	-	100%
Cefuroxime	2	2	-	-	6	6	-	-	100%
Cephalothin	93	93	-	-	14	13	1	-	99.3%
Cinoxacin	4	4	-	-	1	1	-	-	100%
Ciprofloxacin	92	92	-	-	20	19	1	-	99.3%
Doxycycline	9	8	1	-	1	1	-	-	91.7%
Gentamicin	54	54	-	-	7	7	-	-	100%
Imipenem	-	-	-	-	3	3	-	-	100%
Levofloxacin	15	15	-	-	12	12	-	-	100%
Lomefloxacin	2	2	-	-	4	4	-	-	100%
Nalidixic Acid	5	5	-	-	2	2	-	-	100%
Nitrofurantoin	107	103	3	1	17	16	-	1	96.3%
Norfloxacin	43	43	-	-	5	5	-	-	100%
Ofloxacin	25	25	-	-	4	4	-	-	100%
Piperacillin	1	-	-	1	2	1	1	-	Not graded ¹
Sulfamethoxazole	5	5	-	-	1	1	-	-	100%
Sulfisoxazole	10	10	-	-	-	-	-	-	93.3%
Tetracycline	53	53	-	-	11	11	-	-	100%
Ticarcillin	1	-	1	-	1	-	-	1	Not graded ¹
Ticarcillin/Clavulanate	-	-	-	-	2	2	-	-	100%
Tobramycin	6	6	-	-	5	5	-	-	100%
Trimethoprim	11	11	-	-	9	9	-	-	100%

¹ This is an ungraded challenge due to less than 90% participant consensus.

ANTIMICROBIAL SUSCEPTIBILITY TESTING

Specimen UC-1, CC-1 (SUS-1) (cont'd)

<u>Antimicrobial</u>	<u>-----Agar Diffusion-----</u> <u>Interpretative category data</u>				<u>-----MIC-----</u> <u>Interpretative category data</u>				<u>Acceptable (%)</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>	
Trimethoprim/Sulfamethoxazole	103	103	-	-	17	17	-	-	100%

Organism present in specimen UC-1, CC-1 (SUS-1): *Klebsiella oxytoca*.

DERMATOPHYTE SCREEN

Specimen DM-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte present	18	100%	Acceptable
Dermatophyte absent	-	-	

Organisms present in specimen DM-1: *Microsporum nanum* and *Corynebacterium sp.*

Specimen DM-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Dermatophyte absent	13	72.2%	Not graded
Dermatophyte present	5	27.8%	

Organisms present in specimen DM-2: *Penicillium chrysogenum* and *Streptococcus gordonii*. This is an ungraded challenge due to less than 80% participant consensus.

GC CULTURE

Specimen GC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Pos. for <i>N. gonorrhoeae</i>	36	60.0%	Acceptable
Presp. <i>N. gonorrhoeae</i> , refer	23	38.3%	Acceptable
Neg. for <i>N. gonorrhoeae</i>	1	1.7%	

Beta-lactamase Testing

Negative	21	95.5%
Positive	1	4.6%

Gram Stain

Gram negative	42	95.5%	Acceptable
Gram positive	2	4.6%	

Gram Stain Morphology

Diplococci	44	100%
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Organism present in specimen GC-1: *Neisseria gonorrhoeae*.

GC CULTURE

Specimen GC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth	17	73.9%	Acceptable
Neg. for N. gonorrhoeae	6	26.1%	Acceptable

Organisms present in specimen GC-2: *Streptococcus sp. Group B* and *Corynebacterium sp.*

Specimen GC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presp. N. gonorrhoeae, refer	13	61.9%	Acceptable
Pos. for N. gonorrhoeae	8	38.1%	Acceptable

Beta-lactamase Testing

Negative	3	100%
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Organism present in specimen GC-3: *Neisseria gonorrhoeae*.

Specimen GC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth	17	81.0%	Acceptable
Neg. for N. gonorrhoeae	4	19.1%	Acceptable

Organisms present in specimen GC-4: *Streptococcus sp. Group B* and *Staphylococcus epidermidis*.

Specimen GC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
No growth	18	85.7%	Acceptable
Neg. for N. gonorrhoeae	3	14.3%	Acceptable

Organisms present in specimen GC-5: *Gardnerella vaginalis* and *Corynebacterium sp.*

COLONY COUNT

Specimen CC-1

<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	134	1	18	76	39
Bactercult	2	-	-	-	2
Bacti-Star	1	1	-	-	-
Bulls Eye	6	-	1	3	2
Calibrated Loop	37	-	1	20	16
HealthLink	6	-	1	5	-
Troy Bacti- Urine, Plate	1	-	-	1	-
Uri-Check	17	-	6	7	4
Uri-Kit	1	-	-	1	-
Uri-Three	1	-	-	-	1
Uricult	60	-	9	39	12

Identification- Specimen CC-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram Positive	13	24.1%	Not Graded
Presump. Klebsiella sp.	13	24.1%	
Growth, referred for identification	7	13.0%	
Klebsiella sp.	2	3.7%	
Klebsiella oxytoca	1	1.9%	
Presump. Escherichia coli	13	24.1%	

Gram Stain

Gram negative	7	100%	Acceptable
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Gram Stain Morphology

Rods/bacilli	8	100%
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Organism present in specimen CC-1: approximately 12,500 CFU/mL of *Klebsiella oxytoca*. This is an ungraded challenge due to less than 90% referee consensus.

Specimen CC-2

<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	132	6	1	15	110
Bactercult	2	-	-	-	2
Bacti-Star	1	1	-	-	-
Bulls Eye	6	-	-	3	3
Calibrated Loop	36	-	-	2	34
HealthLink	5	-	-	2	3
Troy Bacti- Urine, Plate	1	-	-	-	1
Uri-Check	17	4	1	3	9
Uri-Kit	1	-	-	-	1
Uri-Three	1	-	-	-	1
Uricult	60	1	-	5	54

COLONY COUNT

Identification- Specimen CC-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	18	33.3%	Acceptable
Presump. Staphylococcus sp.	17	31.5%	Acceptable
Growth, referred for identification	7	13.0%	Acceptable
Staphylococcus aureus	4	7.4%	Acceptable
Staphylococcus sp.	1	1.9%	Acceptable
Presump. Enterococcus sp.	7	13.0%	

Organisms present in specimen CC-2: Greater than 100,000 CFU/mL *Staphylococcus aureus* and approximately 12,000 CFU/mL *Corynebacterium sp.*

Identification- Specimen CC-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Pseudomonas sp.	20	52.6%	Acceptable
Growth, referred for identification	8	21.1%	Acceptable
Pseudomonas aeruginosa	4	10.5%	Acceptable
Presump. Gram negative	4	10.5%	Acceptable
Pseudomonas sp.	1	2.6%	Acceptable

Organisms present in specimen CC-3: Greater than 100,000 CFU/mL *Pseudomonas aeruginosa* and 1,000 CFU/mL *Lactobacillus casei*.

Identification- Specimen CC-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram negative	11	29.7%	Not graded
Growth, referred for identification	8	21.6%	
Presump. Gram positive	2	5.4%	
Serratia sp.	2	5.4%	
Serratia marcescens	1	2.7%	
Presump. Proteus sp.	8	21.6%	

Organisms present in specimen CC-4: Greater than 100,000 CFU/mL *Serratia marcescens* and 1,000 CFU/mL *Staphylococcus epidermidis*. This is an ungraded challenge due to less than 90% referee consensus.

Identification- Specimen CC-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Presump. Gram positive	10	26.3%	Not graded
Growth, referred for identification	7	18.4%	
Presumptive Streptococcus sp.	4	10.5%	
Streptococcus agalactiae	2	5.3%	
No growth (sterile)	11	29.0%	

Organism present in specimen CC-5: Greater than 100,000 CFU/mL *Streptococcus sp. Group B*. This is an ungraded challenge due to less than 90% referee consensus.

GRAM STAIN

Specimen GS-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	66	93.0%	Acceptable
Gram positive	5	7.0%	

Gram Stain Morphology

Rods/bacilli	62	92.5%
Cocco-bacilli	4	6.0%
Diplococci	1	1.5%

Organism present in specimen GS-1: *Proteus mirabilis*.

Specimen GS-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	71	100%	Acceptable
Gram positive	-	-	

Gram Stain Morphology

Rods/bacilli	21	30.9%
Cocco-bacilli	18	26.5%
Diplococci	14	20.6%
Cocci	8	11.8%
Cocci in pairs	6	8.8%
Cocci in chains	1	1.5%

Organism present in specimen GS-2: *Haemophilus influenzae*.

Specimen GS-3

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	52	73.2%	Acceptable
Gram negative	19	26.8%	

Gram Stain Morphology

Rods/bacilli	62	89.9%
Cocci in chains	5	7.3%
Cocci in pairs	1	1.5%
Cocco-bacilli	1	1.5%

Organism present in specimen GS-3: *Lactobacillus species*.

GRAM STAIN

Specimen GS-4

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram positive	71	100%	Acceptable
Gram negative	-	-	

Gram Stain Morphology

Cocci	50	72.5%
Cocci in pairs	11	15.9%
Cocci in chains	7	10.1%
Diplococci	1	1.5%

Organism present in specimen GS-4: *Staphylococcus saprophyticus*.

Specimen GS-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Gram negative	66	94.3%	Acceptable
Gram positive	4	5.7%	

Gram Stain Morphology

Rods/bacilli	32	47.1%
Cocco-bacilli	19	27.9%
Diplococci	11	16.2%
Cocci	4	5.9%
Cocci in pairs	2	2.9%

Organism present in specimen GS-5: *Klebsiella pneumoniae*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	31	31	-
Abbott LCx	3	3	-
BD ProbeTec	1	1	-
Beckman (Sanofi) ACCESS	1	1	-
bioMerieux Vitek, Mini Vidas	2	2	-
BioStar OIA	3	3	-
Gen-Probe	7	7	-
Quidel QuickVue	9	9	-
Syva Micro Trak II, XL	1	1	-
Wampole Clearview	3	3	-

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

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	31	-	31
Abbott LCx	3	-	3
BD ProbeTec	1	-	1
Beckman (Sanofi) ACCESS	1	-	1
bioMerieux Vitek, Mini Vidas	2	-	2
BioStar OIA	3	-	3
Gen-Probe	7	-	7
Quidel Quick Vue	9	-	9
Syva Micro Trak II, XL	1	-	1
Wampole Clearview	3	-	3

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

Specimen CY-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	26	26	-
Abbott LCx	3	3	-
BD ProbeTec	1	1	-
Beckman (Sanofi) ACCESS	1	1	-
BioMerieux Vitek, Mini Vidas	2	2	-
BioStar OIA	2	2	-
Gen-Probe	7	7	-
Quidel Quick Vue	6	6	-
Syva Micro Trak II, XL	1	1	-
Wampole Clearview	2	2	-

Organism present in specimen CY-3: *Chlamydia trachomatis*.

Specimen CY-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	26	-	26
Abbott LCx	3	-	3
BD ProbeTec	1	-	1
Beckman (Sanofi) ACCESS	1	-	1
bioMerieux Vitek, Mini Vidas	2	-	2
BioStar OIA	2	-	2
Gen-Probe	7	-	7
Quidel QuickVue	6	-	6
Syva Micro Trak II, XL	1	-	1
Wampole Clearview	2	-	2

Organism present in specimen CY-4: *Neisseria gonorrhoeae*.

CHLAMYDIA (ANTIGEN DETECTION)

Specimen CY-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	26	26	-
Abbott LCx	3	3	-
BD ProbeTec	1	1	-
Beckman (Sanofi) ACCESS	1	1	-
bioMerieux Vitek, Mini Vidas	2	2	-
BioStar OIA	2	2	-
Gen-Probe	7	7	-
Quidel QuickVue	6	6	-
Syva Micro Trak II, XL	1	1	-
Wampole Clearview	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	10	-	10
Abbott LCx	2	-	2
BD ProbeTec	1	-	1
Gen-Probe	7	-	7

Specimen CY-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	10	-
Abbott LCx	2	2	-
BD ProbeTec	1	1	-
Gen-Probe	7	7	-

Specimen CY-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	-	10
Abbott LCx	2	-	2
BD ProbeTec	1	-	1
Gen-Probe	7	-	7

Specimen CY-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	10	-
Abbott LCx	2	2	-
BD ProbeTec	1	1	-
Gen-Probe	7	7	-

GC (ANTIGEN DETECTION)

Specimen CY-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	-	10
Abbott LCx	2	-	2
BD ProbeTec	1	-	1
Gen-Probe	7	-	7

AFFIRM VP III- Gardnerella vaginalis

Specimen VP-1

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

Organisms present in specimen VP-1: *Gardnerella vaginalis* and *Trichomonas vaginalis*.

Specimen VP-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	32	94.1%	Acceptable
Negative	2	5.9%	

Organisms present in specimen VP-2: *Trichomonas vaginalis*, *Gardnerella vaginalis* and *Candida albicans*.

Specimen VP-3

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

Organism present in specimen VP-3: Negative (sterile)

Specimen VP-4

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

Organism present in specimen VP-4: *Candida albicans*.

Specimen VP-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	32	97.0%	Acceptable
Negative	1	3.0%	

Organisms present in specimen VP-5: *Trichomonas vaginalis* and *Gardnerella vaginalis*.

AFFIRM VP III- Candida sp.

Specimen VP-1

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

Specimen VP-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	33	97.1%	Acceptable
Negative	1	2.9%	

Specimen VP-3

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

Specimen VP-4

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

Specimen VP-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	33	100%	Acceptable

AFFIRM VP III- Trichomonas vaginalis

Specimen VP-1

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	21	61.8%	Not graded
Negative	13	38.2%	

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

Specimen VP-2

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Negative	18	52.9%	Not graded
Positive	16	47.1%	

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

Specimen VP-3

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

AFFIRM VP III- Trichomonas vaginalis

Specimen VP-4

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

Specimen VP-5

<u>Identification</u>	<u>Labs</u>	<u>Percent</u>	<u>Performance</u>
Positive	24	72.7%	Not graded
Negative	9	27.3%	

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

RSV ANTIGEN DETECTION

Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	36	2	34
BD Directigen	22	-	22
Binax NOW	3	-	3
BioStar OIA	9	2	7

Specimen V-1: Negative for RSV antigen.

Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	36	28	8
BD Directigen	22	18	4
Binax NOW	3	3	-
BioStar OIA	9	5	4

Specimen V-2: Positive for RSV antigen. This is an ungraded challenge due to less than 90% referee consensus.

Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	36	1	35
BD Directigen	22	-	22
Binax NOW	3	-	3
BioStar OIA	9	1	8

Specimen V-3: Negative for RSV antigen.

RSV ANTIGEN DETECTION

Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	36	1	35
BD Directigen	22	-	22
Binax NOW	3	-	3
BioStar OIA	9	1	8

Specimen V-4: Negative for RSV antigen.

Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	36	31	5
BD Directigen	22	20	2
Binax NOW	3	3	-
BioStar OIA	9	6	3

Specimen V-5: Positive for RSV antigen.

INFLUENZA A ANTIGEN DETECTION

Specimen V-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	105	104	1
BD Directigen	12	12	-
BioStar OIA	39	39	-
Quidel QuickVue Influenza	46	46	-
ZymeTx	6	5	1

Specimen V-1: Positive for Influenza A antigen.

Specimen V-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	105	2	103
BD Directigen	12	-	12
BioStar OIA	39	2	37
Quidel QuickVue Influenza	46	-	46
ZymeTx	6	-	6

Specimen V-2: Negative for Influenza A antigen.

INFLUENZA A ANTIGEN DETECTION

Specimen V-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	78	77	1
BD Directigen	11	11	-
BioStar OIA	38	37	1
Quidel QuickVue Influenza	25	25	-
ZymeTx	2	2	-

Specimen V-3: Positive for Influenza A antigen.

Specimen V-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	78	78	-
BD Directigen	11	11	-
BioStar OIA	38	38	-
Quidel QuickVue Influenza	25	25	-
ZymeTx	2	2	-

Specimen V-4: Positive for Influenza A antigen.

Specimen V-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	78	-	78
BD Directigen	11	-	11
BioStar OIA	38	-	38
Quidel QuickVue Influenza	25	-	25
ZymeTx	2	-	2

Specimen V-5: Negative for Influenza A antigen.

C. DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	20	-	20
Alexon (Hycor)	1	-	1
Becton Dickinson Toxin CD	1	-	1
bioMerieux Vitek, Mini Vidas	1	-	1
Biosite Triage	5	-	5
BioStar OIA	8	-	8
Meridian Premier	1	-	1
Wampole	1	-	1

Specimen AG-1: Negative for *Clostridium difficile* antigen.

C. DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	20	-	20
Alexon (Hycor)	1	-	1
Becton Dickinson Toxin CD	1	-	1
bioMerieux Vitek, Mini Vidas	1	-	1
Biosite Triage	5	-	5
BioStar OIA	8	-	8
Meridian Premier	1	-	1
Wampole	1	-	1

Specimen AG-2: Negative for *Clostridium difficile* antigen.

Specimen AG-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	20	16	4
Alexon (Hycor)	1	1	-
Becton Dickinson Toxin CD	1	1	-
bioMerieux Vitek, Mini Vidas	1	1	-
Biosite Triage	5	5	-
BioStar OIA	8	4	4
Meridian Premier	1	1	-
Wampole	1	1	-

Specimen AG-3: Positive for *Clostridium difficile* antigen.

Specimen AG-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	20	-	20
Alexon (Hycor)	1	-	1
Becton Dickinson Toxin CD	1	-	1
bioMerieux Vitek, Mini Vidas	1	-	1
Biosite Triage	5	-	5
BioStar OIA	8	-	8
Meridian Premier	1	-	1
Wampole	1	-	1

Specimen AG-4: Negative for *Clostridium difficile* antigen.

C. DIFFICILE TOXIN ANTIGEN DETECTION

Specimen AG-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	20	17	3
Alexon (Hycor)	1	1	-
Becton Dickinson Toxin CD	1	1	-
bioMerieux Vitek, Mini Vidas	1	1	-
Biosite Triage	5	5	-
BioStar OIA	8	5	3
Meridian Premier	1	1	-
Wampole	1	1	-

Specimen AG-5: Positive for *Clostridium difficile* antigen.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	-	10
Meridian ImmunoCard	6	-	6
Meridian Premier	1	-	1

Specimen AG-1: Negative for Rotavirus antigen.

Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	9	-	9
Meridian ImmunoCard	5	-	5
Meridian Premier	1	-	1

Specimen AG-2: Negative for Rotavirus antigen.

Specimen AG-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	-	10
Meridian ImmunoCard	6	-	6
Meridian Premier	1	-	1

Specimen AG-3: Negative for Rotavirus antigen.

ROTAVIRUS ANTIGEN DETECTION

Specimen AG-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	10	-
Meridian ImmunoCard	6	6	-
Meridian Premier	1	1	-

Specimen AG-4: Positive for Rotavirus antigen.

Specimen AG-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	10	-	10
Meridian ImmunoCard	6	-	6
Meridian Premier	1	-	1

Specimen AG-5: Negative for Rotavirus antigen.

CRYPTOSPORIDIUM – ANTIGEN DETECTION

Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	5	4	1
Alexon (Hycor)	1	1	-
Becton Dickinson ColorPAC	2	2	-
Meridian Merifluor	1	1	-

Specimen AG 1: Positive for *Cryptosporidium* antigen.

Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	5	-	5
Alexon (Hycor)	1	-	1
Becton Dickinson ColorPAC	2	-	2
Meridian Merifluor	1	-	1

Specimen AG 2: Negative for *Cryptosporidium* antigen.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen AG-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	9	-	9
Alexon (Hycor)	3	-	3
Becton Dickinson ColorPAC	2	-	2
Meridian Merifluor	1	-	1
Remel RIM Immuno	1	-	1

Specimen AG-1: Negative for *Giardia lamblia* antigen.

GIARDIA LAMBLIA ANTIGEN DETECTION

Specimen AG-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
All Methods	9	8	1
Alexon (Hycor)	3	3	-
Becton Dickinson ColorPAC	2	2	-
Meridian Merifluor	1	1	-
Remel RIM Immuno	1	1	-

Specimen AG-2: Positive for *Giardia lamblia* antigen.

LEGIONELLA ANTIGEN DETECTION

Specimen L-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	173	173	-

Specimen L-1: Positive for *Legionella* antigen.

Specimen L-2

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	173	-	173

Specimen L-2: Negative for *Legionella* antigen.

Specimen L-3

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	173	173	-

Specimen L-3: Positive for *Legionella* antigen.

Specimen L-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	173	173	-

Specimen L-4: Positive for *Legionella* antigen.

Specimen L-5

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	173	-	173

Specimen L-5: Negative for *Legionella* antigen.

STREPTOCOCCUS PNEUMONIAE ANTIGEN

Specimen SP-1

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	58	-	58

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	58	58	-

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	58	-	58

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

Specimen SP-4

<u>Method</u>	<u>Labs</u>	<u>Positive</u>	<u>Negative</u>
Binax NOW	58	-	58

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	58	58	-

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

PARASITOLOGY

One participant reported results for Parasitology. The parasites that are present in each specimen are as follows:

PVA Slide

- PA-1 – Giardia lamblia
- PA-2 – Entamoeba histolytica

Fecal Suspension

- PA-3 – Ascaris lumbricoides eggs
- PA-4 – Taenia sp. eggs

Blood Smear

- PA-5 – Babesia sp.

SUMMARY OF ISOLATES FOUND IN THE 2002 MLE-A3 CULTURE SPECIMENS

<u>Organism</u>	<u>ATCC Strain</u>
<i>Citrobacter freundii</i>	8090
<i>Enterobacter agerogenes</i>	13048
<i>Enterobacter agglomerans</i>	49014
<i>Enterococcus faecalis</i>	29212
<i>Enterococcus faecium</i>	49032
<i>Escherichia coli</i>	25922
<i>Lactobacillus casei</i>	393
<i>Neisseria gonorrhoeae</i>	19424
<i>Pseudomonas aeruginosa</i>	27853
<i>Staphylococcus aureus</i>	25923
<i>Staphylococcus epidermidis</i>	14990
<i>Staphylococcus saprophyticus</i>	35552
<i>Streptococcus gordonii</i>	35557
<i>Streptococcus pneumoniae</i>	6305
<i>Streptococcus pyogenes</i>	19615
<i>Streptococcus sp. Group B</i>	12386

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