AS	Uran Scientific Labor	Ce atories	Molecular Po	CR Summary	Lab Report	2868 Acton Road, Suite 207 Vestavia, AL 35243 Phone: (855) 319-4459 CLIA ID: 01-D2074949	
	ORMATION	P	ATIENT INFORMATIC)N	SPECIMEN INFORMATION		
Name [.]	Name: Assurance Pathology				Lah Accession Number	ASI-50685	
Laboratory		76 Y	$\frac{1}{1000} \cdot \frac{1}{1000} = \frac{1}{1000} \cdot 1$		Date Collected	1/31/2019 09:32	
Address: 2868 Acton Road			Gender: M		Date Received by Lab	2/1/2019	
	Suite 207				Date Accessioned	2/1/2019	
	BIRMINGHAM AI	35243	ID.		Date Reported:	2/1/2019	
Provider:	Doctor Test	55215			Faxed to:	18667020880	
	Doctor rest					10007020000	
Contro	ols		(1) Endogenous	control confirms sample	collection, DNA/RNA extracti	on, and assay enzyme activity	
Dationt	Eutrostion Contr		(2) Positive c	ontrol is synthetic inac	tive pathogen		
Endogeno	us Positive Contr	rol PA	SS (3) Negative C	ontrol contains primers,	probe, and enzymes with no D	NA/RNA template	
Pathogen	Positive Contro		SS (4) A "Detecto	d" regult indicates the	progence of a pathogen (00 00	<pre>% confidence) shows the access suboff</pre>	
Pathogen	Negative Contro		SS (4) A Detecte Assay cutoff i	s represented by CFU (ba	cteria), PFU (viruses) or Cop	y Number (DNA)	
Lab Result(4) (Qualitative Low/Medium/High) DNA Copy Number Comments							
SUMMARY	Wound/Infection	Pathogens					
E. aeroge	enes	DETECT	ED - MEDIUM	1.00E+03			
Class (Gene Name) Lab (Qua		Lab Result (Qualitative)	esult Resistance Gene tative) Targets Identified		Associated Resistances (Antibiotics to Avoid)		
SUMMARY	Antibiotic Resistar	nce Markers					
mecA		DETECTED	CTED mecA		Methicillin		
Antibiotic Sensitivity Testing		Mir ting Cond	inimum Inhibitory Susceptibili ncentration (ug/ml)			Notes	
Culture ID							
Organism Cultured:			E.aerogenes				
Antibiotic	Sensitivity Testing						
Gentamicin AST			<= 4 ug/mL	Susceptible			
Ceftriaxone AST			2 ug/mL	Intermediate			
Levofloxacin AST			<= 1 ug/mL	Susceptible	Susceptible		
Ciprofloxacin AST			< 1 ug/mL	Susceptible			
Trimethroprim/sulfamethoxazole AST		бт	<= 2/38 ug/mL	Susceptible			
Cefazolin AST			16 ug/ml	Resistant			

Clinic Name: Assurance Pathology Laboratory	
---	--

Patient name: PATIENT, NEW

Page: 1

Lab Director: Ty Thomas, MD

This test detects the presence of pathogen and must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved.

Methodology statement: Simplex real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%. Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assavs are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result

AS	Scientific Laborat	tories Moleo	cular PCR Deta	iled Lab Report	2868 Acton Road, Suite 207 Vestavia, AL 35243 Phone: (855) 319-4459 CLIA ID: 01-D2074949	
CLINIC INF	ORMATION	PATIENT IN	FORMATION	SPECIMEN INFORMATION		
Name:	Name: Assurance Pathology Laboratory		PATIENT, NEW 7/4/1976	Lab Accession Number: Date Collected:	ASL-50685 1/31/2019	
Address:	2868 Acton Road Suite 207 BIRMINGHAM AL 3	Gender: ID:	M	Date Received by Lab: Date Reported:	2/1/2019 09:32 2/1/2019	
Provider:	Doctor Test	55245				
د Test Performed (Low		Lab Result(4) (Low/Medium/High)	DNA Copy Number	Comme	Comments	
Wound/In	fection Pathogens					
A. baumannii	i	Not Detected	Not Detected			
C. freundii/br	raakii	Not Detected	Not Detected			
E. aerogenes		DETECTED - MEDIUM	1.00E+03			
E. cloacae		Not Detected	Not Detected			
E. faecalis		Not Detected	Not Detected			
E. faecium		Not Detected	Not Detected			
E. coli		Not Detected	Not Detected			
K. oxytoca/pneumoniae		Not Detected	Not Detected			
Morganella n	norganii	Not Detected	Not Detected			
Proteus mira	bilis	Not Detected	Not Detected			

Not Detected

Not Detected

Not Detected

Clinic Name: Assurance Pathology Laboratory

Not Detected

Not Detected

Not Detected

Patient name: PATIENT, NEW

Page: 2

Lab Director: Ty Thomas, MD

P. aeruginosa

S. pyogenes

S. aureus

This test detects the presence of pathogen and must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved.

Methodology statement: Simplex real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%. Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition. while these assavs are verv specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result

AS	Scientific Lab	CC oratories	Mole	cular PCR Detailed	Lab Report	2868 Acton Road, Suite 207 Vestavia, AL 35243 Phone: (855) 319-4459 CLIA ID: 01-D2074949	
CLINIC INF	ORMATION		PATIENT IN	IFORMATION	SPECIMEN INFORMATION		
Name:	Assurance Patho Laboratory	ology	Name: DOB:	PATIENT, NEW 7/4/1976	Lab Accession Number: Date Collected:	ASL-50685 1/31/2019	
Address:	2868 Acton Roa Suite 207 BIRMINGHAM, /	d AL 35243	Gender: ID:	Μ	Date Received by Lab: Date Reported:	2/1/2019 09:32 2/1/2019	
Provider:	Doctor Test						
Lab Re Class (Gene Name) (Qualiti		Lab Result (Qualitative)		Resistance Gene Targets Identified	Associate (Antibio	ed Resistances tics to Avoid)	
Antibiotic	Resistance Marke	ers					
Class A Beta-lactamase Not Detec (CTX-M-Group 1)		Not Detecte	blaCTX-M-1,3,10,12,15,22,23,28, blaFEC-1		, cephalosporins, penicillins, aztreonam	cephalosporins, penicillins, aztreonam	
Class A Beta-lactamase Not Detect (blaKPC)		Not Detecte	d k	XPC-2-8,10,11,13-22,24-33	carbapenems, cephalosporins, penicillins, beta-lactamase inhibitors, aztreonam		

NDM (1-21)

vanA

mecA

Clinic Name: Assurance Pathology Laboratory

Patient name: PATIENT, NEW

Page: 3

carbapenems, cephalosporins, penicillins, beta-lactamase inhibitors

Vancomycin

Methicillin

Lab Director: Ty Thomas, MD

Class B metallo

mecA

vanA Vancomycin

Beta-lactamase (blaNDM)

Not Detected

Not Detected

DETECTED

This test detects the presence of pathogen and must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved.

Methodology statement: Simplex real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%. Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assavs are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result