

Sample Wound

Laboratory Report

Patient Information

Patient Name: Patient 4, Empty
Number: P00483
DOB: 6/4/2023
Sex: Male

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020058
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

Detected Pathogens

None Detected

PATHOGENS NOT DETECTED

Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus harei/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculostrictum/C. striatum, Clostridium perfringens/C. septicum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum, Trichophyton soudanense/T. terrestre/T. tonsurans/T. verrucosum, Bacteroides fragilis/B. vulgatus, Burkholderia cepacia/B. pseudomallei, Streptococcus pneumoniae, Haemophilus influenzae, Salmonella enterica, Enterobacter aerogenes/E. cloacae (Enterobacter cloacae complex), Vibrio Cholerae/V. parahaemolyticus/V. vulnificus, Aspergillus flavus/A. fumigatus/A. niger/A. terreus, Fusarium oxysporum/F. solani, Serratia marcescens, Citrobacter freundii, Peptostreptococcus anaerobius/P. prevotii/P. asaccharolyticus/P. magnus (Finegoldia magna), Herpes Simplex Virus 1, Blastomyces dermatitidis/Blastomyces gilchristii, Streptococcus pyogenes, Mycobacterium avium, Human Herpes Virus 3 (Varicella Zoster Virus), Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Anaerococcus vaginalis, Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii

Methodology: TaqMan Multiplex panel real-time PCR

Limitation:

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Reporting Laboratory:

Sample Wound

Laboratory Report

Patient Information	Facility Information	Specimen Information
Patient Name: Patient 5, Empty	Ordering Provider: Demo , Physician	Accession ID : 2306020059
Number: P00484	Facility: Demo Location 1	Specimen Type : E-Swab
DOB: 6/2/2023	Test Requested: Wound Infection Panel	Collection Date : 6/1/2023
Sex: Female		Received Date : 6/2/2023
		Reported Date : 6/5/2023

Detected Pathogens		
Pathogens	Genomic Copy Equivalent/mL	Relative Strain(%)
Clostridium perfringenes/C. septicum	1.59*10^4	13.0983
Herpes Simplex Virus 1	1.05*10^5	86.9017

Detected ABR Genes	
DETECTED RESISTANCE GENES	ABR KEY
MecC	

Recommended Medications	
Y Pathogen present are sensitive to this medication. Consider this medication as a treatment option. Medication	Clostridium perfringenes/C. septicum
Clindamycin (IV, Oral or Topical)	Y
Imipenem (IM or IV)	Y

	Clostridium perfringenes/C. septicum
Medication	
Pencillin	Y

PATHOGENS NOT DETECTED	RESISTANCE GENES NOT DETECTED
Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus harei/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculostrictum/C. striatum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum, Trichophyton soudanense/T. terrestre/T. tonsurans/T. verrucosum, Bacteroides fragilis/B. vulgatus, Burkholderia cepacia/B. pseudomallei, Streptococcus pneumoniae, Haemophilus influenzae, Salmonella enterica , Enterobacter aerogenes/E. cloacae (Enterobacter cloacae complex), Vibrio Cholerae/V. parahaemolyticus/V. vulnificus, Aspergillus flavus/A. fumigatus/A. niger/A. terreus , Fusarium oxysporum/F. solani, Serratia marcescens, Citrobacter freundii, Peptostreptococcus anaerobius/P. prevotii/P. asaccharolyticus/P. magnus (Finegoldia magna), Blastomyces dermatitidis/Blastomyces gilchristii, Streptococcus pyogenes, Mycobacterium avium, Human Herpes Virus 3 (Varicella Zoster Virus), Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Anaerococcus vaginalis, Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii	blaACT, blaACC, blaCMY, blaLAT, blaFOX, blaGES, blaVIM/KPC, Cfr, CMY/MOX/DHA, CTX-M_1, CTX-M_2, CTX-M_8_25, CTX-M_9, dfrA1, dfrA5, ermA, ErmB, ErmC, femA, IMP-1, IMP-2, KPC, MCR-1, MecA, mefA, blaNDM, OXA-48, OXA-51, PER-1, qnrA, QnrB_1of4, QnrB_2of4, QnrB_3of4, QnrB_4of4, qnrS, SHV, Sul1, Sul2, Tet(M), Tet(S), vanA2, vanB, VEB, ampC

Methodology: TaqMan Multiplex panel real-time PCR

Sample Wound

Laboratory Report

Patient Information

Patient Name: Patient 5, Empty
Number: P00484
DOB: 6/2/2023
Sex: Female

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020059
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

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Reporting Laboratory:

Sample Wound

Laboratory Report

Patient Information

Patient Name: Patient 2, Empty
Number: P00481
DOB: 6/5/2023
Sex: Female

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020056
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

Detected Pathogens

Pathogens	Genomic Copy Equivalent/mL	Relative Strain(%)
Herpes Simplex Virus 1	5.26*10^4	59.2497
Human Herpes Virus 3 (Varicella Zoster Virus)	3.62*10^4	40.7503

Detected ABR Genes

None Detected

PATHOGENS NOT DETECTED

Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus hareii/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculostrictum/C. striatum, Clostridium perfringens/C. septicum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum, Trichophyton soudanense/T. terrestre/T. tonsurans/T. verrucosum, Bacteroides fragilis/B. vulgatus, Burkholderia cepacia/B. pseudomallei, Streptococcus pneumoniae, Haemophilus influenzae, Salmonella enterica, Enterobacter aerogenes/E. cloacae (Enterobacter cloacae complex), Vibrio Cholerae/V. parahaemolyticus/V. vulnificus, Aspergillus flavus/A. fumigatus/A. niger/A. terreus, Fusarium oxysporum/F. solani, Serratia marcescens, Citrobacter freundii, Peptostreptococcus anaerobius/P. prevotii/P. asaccharolyticus/P. magnus (Finegoldia magna), Blastomyces dermatitidis/Blastomyces gilchristii, Streptococcus pyogenes, Mycobacterium avium, Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Anaerococcus vaginalis, Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii

RESISTANCE GENES NOT DETECTED

blaACT, blaACC, blaCMY, blaLAT, blaFOX, blaGES, blaVIM/KPC, Cfr, CMY/MOX/DHA, CTX-M_1, CTX-M_2, CTX-M_8_25, CTX-M_9, dfrA1, dfrA5, ermA, ErmB, ErmC, femA, IMP-1, IMP-2, KPC, MCR-1, MecA, MecC, mefA, blaNDM, OXA-48, OXA-51, PER-1, qnrA, QnrB_1of4, QnrB_2of4, QnrB_3of4, QnrB_4of4, qnrS, SHV, Sul1, Sul2, Tet(M), Tet(S), vanA2, vanB, VEB, ampC

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Reporting Laboratory:

Sample Wound

Laboratory Report

Facility Information		Specimen Information
Patient Name:	Patient 6, Empty	Accession ID : 2306020060
Number:	P00485	Specimen Type : E-Swab
DOB:	6/1/2023	Collection Date : 6/1/2023
Sex:	Male	Received Date : 6/2/2023
		Reported Date : 6/5/2023

Detected Pathogens		
Pathogens	Genomic Copy Equivalent/mL	Relative Strain(%)
Citrobacter freundii	4.47*10^2	100

Detected ABR Genes	
None Detected	

Recommended Medications	
Y Pathogen present are sensitive to this medication. Consider this medication as a treatment option. Medication	Citrobacter freundii
Aztreonam (IM, IV or Inhalation)	Y
Cefdinir (Oral)	Y
Cefepime (IV or IM)	Y
Cefixime (Oral)	Y
Ciprofloxacin (IV, Oral or Topical)	Y
Doripenem (IV or IM)	Y
Fosfomycin po	Y

Medication	Citrobacter freundii
Aminoglycosides	Y
Trimethoprim-sulfamethoxazole (Oral or IV)	Y
Piperacillin / Tazobactam (IV or IM)	Y
Nitrofurantoin (Oral)	Y
Meropenem (IV)	Y
Imipenem (IM or IV)	Y
Merrem IV (IV)	Y

PATHOGENS NOT DETECTED	RESISTANCE GENES NOT DETECTED
Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus harei/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculo-stearicum/C. striatum, Clostridium perfringenes/C. septicum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum, Trichophyton soudanense/T. terrestre/T. tonsurans/T. verrucosum, pyogenes, Mycobacterium avium, Human Herpes Virus 3 (Varicella Zoster Virus), Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Anaerococcus vaginalis, Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii	blaACT, blaACC, blaCMY, blaLAT, blaFOX, blaGES, blaVIM/KPC, Cfr, CMY/MOX/DHA, CTX-M_1, CTX-M_2, CTX-M_8_25, CTX-M_9, dfrA1, dfrA5, ermA, ErmB, ErmC, femA, IMP-1, IMP-2, KPC, MCR-1, MecA, MecC, mefA, blaNDM, OXA-48, OXA-51, PER-1, qnrA, QnrB_1of4, QnrB_2of4, QnrB_3of4, QnrB_4of4, qnrS, SHV, Sul1, Sul2, Tet(M), Tet(S), vanA2, vanB, VEB, ampC

Sample Wound Laboratory Report

Facility Information		Specimen Information
Patient Name: Patient 6, Empty	Ordering Provider: Demo , Physician	Accession ID : 2306020060
Number: P00485	Facility: Demo Location 1	Specimen Type : E-Swab
DOB: 6/1/2023	Test Requested: Wound Infection Panel	Collection Date : 6/1/2023
Sex: Male		Received Date : 6/2/2023
		Reported Date : 6/5/2023

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Reporting Laboratory:

Sample
Wound
Laboratory Report

Patient Information

Patient Name: Patient 3, Empty
Number: P00482
DOB: 6/5/2023
Sex: Male

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020057
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

Detected Pathogens

Pathogens	Genomic Copy Equivalent/mL	Relative Strain(%)
Aspergillus flavus/A. fumigatus/A. niger/A. terreus	2.39*10^3	100

Detected ABR Genes

DETECTED RESISTANCE GENES	ABR KEY
QnrB_1of4	
QnrB_2of4	
QnrB_3of4	
QnrB_4of4	

Recommended Medications

Y Pathogen present are sensitive to this medication. Consider this medication as a treatment option. Medication	Aspergillus flavus/A. fumigatus/A. niger/A. terreus	Medication	Aspergillus flavus/A. fumigatus/A. niger/A. terreus
Amphotericin B (IV)	Y	Voriconazole	Y

PATHOGENS NOT DETECTED

Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus harei/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculostrictum/C. striatum, Clostridium perfringenes/C. septicum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum,

Herpes Simplex Virus 1, Blastomyces dermatitidis/Blastomyces gilchristii, Streptococcus pyogenes, Mycobacterium avium, Human Herpes Virus 3 (Varicella Zoster Virus), Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Anaerococcus vaginalis, Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii

RESISTANCE GENES NOT DETECTED

blaACT, blaACC, blaCMY, blaLAT, blaFOX, blaGES, blaVIM/KPC, Cfr, CMY/MOX/DHA, CTX-M_1, CTX-M_2, CTX-M_8_25, CTX-M_9, dfrA1, dfrA5, ermA, ErmB, ErmC, femA, IMP-1, IMP-2, KPC, MCR-1, MecA, MecC, mefA, blaNDM, OXA-48, OXA-51, PER-1, qnrA, qnrS, SHV, Sul1, Sul2, Tet(M), Tet(S), vanA2, vanB, VEB, ampC

Sample Wound Laboratory Report

Patient Information

Patient Name: Patient 3, Empty
Number: P00482
DOB: 6/5/2023
Sex: Male

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020057
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

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Reporting Laboratory:

Sample Wound

Laboratory Report

Patient Information

Patient Name: Patient 1, Empty
Number: P00480
DOB: 6/5/2023
Sex: Male

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020055
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

Detected Pathogens

Pathogens	Genomic Copy Equivalent/mL	Relative Strain(%)
Anaerococcus vaginalis	5.05*10^2	100

Detected ABR Genes

DETECTED RESISTANCE GENES	ABR KEY
OXA-51	

Recommended Medications

	Anaerococcus vaginalis		Anaerococcus vaginalis
Y Pathogen present are sensitive to this medication. Consider this medication as a treatment option. Medication		Medication	
Amoxicillin (Oral or IV)	Y	Merrem IV (IV)	Y
Amoxicillin/clavulanate (Oral or IV)	Y	Piperacillin / Tazobactam (IV or IM)	Y
Clindamycin (IV, Oral or Topical)	Y	Ampicillin / Sulbactam	Y
Penicillin (IV, IM or Oral)	Y		

PATHOGENS NOT DETECTED

Mycobacterium marinum/M. ulcerans/M. fortuitum, Fusobacterium necrophorum/F. nucleatum, Trichosporon mucoides/T. asahii, Staphylococcus aureus, Escherichia coli, Proteus mirabilis/P. vulgaris, Klebsiella oxytoca/K. pneumoniae, Peptoniphilus harei/ivorii, Mycobacterium abscessus/M. chelonae/M. fortuitum, Corynebacterium jeikeium/C. tuberculostrictum/C. striatum, Clostridium perfringens/C. septicum, Pseudomonas aeruginosa, Streptococcus agalactiae, Mycoplasma hominis/M. genitalium, Enterococcus faecalis/E. faecium, Trichophyton interdigitale/T. mentagrophytes/T. tonsurans/T. rubrum, Trichophyton soudanense/T. terrestre/T. tonsurans/T. verrucosum, Bacteroides fragilis/B. vulgatus, Burkholderia cepacia/B. pseudomallei, Streptococcus pneumoniae, Haemophilus influenzae, Salmonella enterica

Streptococcus pyogenes, Mycobacterium avium, Human Herpes Virus 3 (Varicella Zoster Virus), Herpes Simplex Virus 2, Candida auris, Cutibacterium acnes (formerly Propionibacterium acnes), Candida albicans, Candida glabrata, Mycobacterium kansasii, Clostridium novyi A,B, Candida parapsilosis, Candida tropicalis, Staphylococcus epidermidis/S. haemolyticus/S. lugdunensis/S. saprophyticus, Acinetobacter baumannii

RESISTANCE GENES NOT DETECTED

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Sample Wound Laboratory Report

Patient Information

Patient Name: Patient 1, Empty
Number: P00480
DOB: 6/5/2023
Sex: Male

Facility Information

Ordering Provider: Demo , Physician
Facility: Demo Location 1
Test Requested: Wound Infection Panel

Specimen Information

Accession ID : 2306020055
Specimen Type : E-Swab
Collection Date : 6/1/2023
Received Date : 6/2/2023
Reported Date : 6/5/2023

Limitation:

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Reporting Laboratory: