

Vero Diagnostics
3216 S Alston Ave
Durham, NC 27713
Phone: 919-341-1256

Director: Dr. Manoj Tyagi,
PhD. NRCC, FAACC/FACB,

Fax: N/A



Patient Name: Mickey Mouse **Date of Birth:** 10/05/1995 **Gender:** Male **Race:**


Facility Information

Ordering Provider: Dr. Faraz Test
Facility: Test Facility
Facility Phone: 000000000
Facility Fax: 1111111111


Specimen Information

ACC D2210130038
Collection Date: 10/05/2022 **Report Date:** 10/13/2022
Received Date: 10/06/2022 **Sample Type:** Swab[Left Lateral Foot]
Notes:

PATHOGENS DETECTED

 Organism	Estimates Copies/mL	Estimated Mic. Load
Pseudomonas aeruginosa	1 x 10 ⁷	High
Streptococcus pyogenes	1 x 10 ⁶	High

RESISTANCE GENES DETECTED

 **tetB, tetM**
These genes are associated with potential resistance to tetracycline antibiotics . Smaller chance of crossover resistance to doxycycline and minocycline.

ATA CHOICE™ Therapeutic Guidance

Drug Allergies:

Notes from Ordering Physician:

Notes from Pharmacist:

Medication Review

Category	Medication	Route	Dose	Consideration
First Line	Levofloxacin	PO	750 mg PO/IV QD x 10-14 days	Black box warning for tendinitis and tendon rupture, peripheral neuropathy, and CNS effects in elderly - anxiety, confusion, depression, hallucinations. . Second line use for acute sinusitis, acute bronchitis, and uncomplicated UTI . Avoid in ages below 16. Avoid in pregnancy. adjust dose CrCl <50min/ml. Can cause C difficile. Do not use with Amiodarone.
Alternative	Cefepime	IV	2g IV q8-12h	Adjust dose with renal impairment
Alternative	Piperacillin-Tazobactam	IV	4.5 g IV q6h	Adjust dose if CrCl<40, Avoid in PCN drug allergies and caution in cephalosporin drug allergies.
Other Options	Meropenem	IV	1 g IV q8h	To cover Pseudomonas and Streptococcus. Adjust dose with renal impairment.

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Electronically approved on 10/13/2022 by: superadmin

Email: test@truemedit.com

Phone:

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Summary of Abnormal Values

<u>Test Name</u>	<u>Load</u>	<u>UTM</u>	<u>Flag</u>	<u>Result</u>
Pseudomonas aeruginosa	1 x 10 ⁷	HIGH	P	Positive
Streptococcus pyogenes	1 x 10 ⁶	HIGH	P	Positive

Pathogens

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
Acinetobacter baumannii		Negative
Anaerococcus vaginalis		Negative
Aspergillus fumigatus		Negative
Bacillus atrophaeus		Negative
Bacteroides fragilis		Negative
Candida albicans		Negative
Candida auris		Negative
Citrobacter freundii		Negative
Clostridium perfringens		Negative
Corynebacterium jeikeium		Negative
Enterobacter cloacae		Negative
Enterococcus faecalis		Negative
Enterococcus faecium		Negative
Escherichia coli		Negative
Fingoldia magna		Negative
Fusobacterium nucleatum		Negative
Haemophilus influenzae		Negative
Human herpesvirus 1; Herpes simplex virus 1		Negative
Human herpesvirus 2; Herpes simplex virus 2		Negative
Human herpesvirus 3; Varicella Zoster virus		Negative
Klebsiella aerogenes		Negative
Klebsiella oxytoca		Negative
Klebsiella pneumoniae		Negative
Morganella morganii		Negative
Mycobacterium tuberculosis complex		Negative
Mycobacterium Leprae		Negative

Antibiotic Resistance Genes

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
Aminoglycoside		Negative
blaFOX-blaACC		Negative
blaKPC		Negative
blaSHV		Negative
CTX-M1 (15), M2 (2), M9 (9), M8/25		Negative
dfrA1/A5, sul1,2		Negative
ermA		Negative
ermB		Negative
ermC		Negative
IMP, NDM, VIM		Negative
mecA		Negative
OXA-48, -51		Negative
qnrA1, qnrA2, qnrB(qnrS)		Negative
TEM G236S		Negative
tetB, tetM	P	Positive
VanA, VanB		Negative

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Pathogens

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
Peptoniphilus harei		Negative
peptostreptococcus anaerobius		Negative
Peptostreptococcus asaccharolyticus		Negative
Peptostreptococcus prevotii		Negative
Prevotella		Negative
Proteus mirabilis		Negative
Serratia marcescens		Negative
Staphylococcus aureus		Negative
Staphylococcus epidermidis		Negative
Staphylococcus haemolyticus		Negative
Stenotrophomonas maltophilia		Negative
Streptococcus agalactiae		Negative
Streptococcus pneumoniae		Negative
Trichophyton interdigitale, Trichophyton mentagrophytes, Trichophyton tonsurans		Negative
Trichophyton rubrum		Negative
Trichophyton soudanense		Negative
Trichophyton tonsurans		Negative
Trichophyton violaceum		Negative

The Semi Quant data provided on this report is entirely based on our preliminary validation study. Further validation is under process.

Disclaimer: This test was developed and its performance characteristics were determined by VeroDx. The U.S. Food and Drug Administration has not approved or cleared this test; however, FDA clearance or approval is not currently required for clinical use. Values reported above or below either the lowest or highest analytical cut off are provided for informational purposes only. These values are extrapolated and we cannot confirm the accuracy of results beyond our analytic range. Please contact the Laboratory Services if you have specific questions regarding results.