

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** D2210130037  
**Collection Date:** 10/10/2022      **Report Date:** 10/13/2022  
**Received Date:** 10/11/2022      **Sample Type:** Swab  
**Notes:**
**PATHOGENS DETECTED**


Organism	Estimates Copies/mL	Estimated Mic. Load
Escherichia coli	1 x 10 <sup>4</sup>	Moderate
Lactobacillus crispatus	1 x 10 <sup>6</sup>	High
Lactobacillus jensenii	1 x 10 <sup>5</sup>	Moderate

**RESISTANCE GENES DETECTED**

**CTX-M groupings contains CTX-M-15 ,2,9,8,25**

ESBL: These genes are associated with potential resistance to Penicillins, First- Third Generation Cephalosporins, and Monobactams.

**dfr (A1, A5), sul (1, 2) Genes**

These genes are associated with potential resistance to Trimethoprim (dfr) or sul (sulfa drugs).

**ermA, ermB, ermC**

These genes are associated with potential resistance to Macrolides, Lincosamides, and Streptogramin B antibiotics such as azithromycin, erythromycin, and clindamycin


**Therapeutic Guidance**

Drug Allergies:

Notes from Ordering Physician:

Notes from Pharmacist:

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### Medication Review

Category	Medication	Route	Dose	Consideration
First Line	Doxycycline	PO	100mg bid x 7 days	No renal adjustment needed Contraindicated in severe hepatic dysfunction, May cause photosensitivity.
Alternative	Amoxicillin-Clavulanate	PO	875/125mg bid x7-14 days PLUS CEFTRIAXONE 0.5-1g IM q24h x1-2 doses (combo recommended to overcome potential resistance detected)	Adjust dose CrCl < 30 mL/min. Avoid use with penicillin allergy.
Other Options	Levofloxacin	PO	250-500mg qd x5-7 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.

Electronically approved on 10/13/2022 by: superadmin

Email: test@truemedit.com

Phone:

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**CAP**  
 ACCREDITED  
 COLLEGE of AMERICAN PATHOLOGISTS  
 CAP# 8359749


 Clinical Laboratory Improvement Amendments  
 CLIA#: 34D2131299

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### Summary of Abnormal Values

<u>Test Name</u>	<u>Load</u>	<u>UTM</u>	<u>Flag</u>	<u>Result</u>
Escherichia coli	1 x 10 <sup>4</sup>	MEDIUM	<b>P</b>	Positive
Lactobacillus crispatus	1 x 10 <sup>6</sup>	HIGH	<b>P</b>	Positive
Lactobacillus jensenii	1 x 10 <sup>5</sup>	MEDIUM	<b>P</b>	Positive

### Pathogens

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
Atopobium vaginae		Negative
Bacteroides fragilis		Negative
BVAB2		Negative
Candida albicans		Negative
Candida dubliniensis		Negative
Candida glabrata		Negative
Candida krusei		Negative
Candida lusitanae		Negative
Candida parapsilosis		Negative
Candida tropicalis		Negative
Chlamydia trachomatis		Negative
Enterococcus faecalis		Negative
Gardnerella vaginalis		Negative
Haemophilus ducreyi		Negative
HPV 16		Negative
HPV 18		Negative
HSV1		Negative
HSV2		Negative
Lactobacillus gasseri		Negative
Lactobacillus iners		Negative
Mobiluncus curtisii		Negative
Mobiluncus mulieris		Negative
Mycoplasma genitalium		Negative
Mycoplasma hominis		Negative
Neisseria gonorrhoeae		Negative
peptostreptococcus anaerobius		Negative
Prevotella bivia		Negative

### Antibiotic Resistance Genes

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
ACT/MIR, FOX, ACC		Negative
Aminoglycoside combo		Negative
CTX-M1 (15), M2 (2), M9 (9), M8/25	<b>P</b>	<b>Positive</b>
dfrA1/A5, sul1,2	<b>P</b>	<b>Positive</b>
ermB, ermC, ermA	<b>P</b>	<b>Positive</b>
IMP, NDM, VIM		Negative
mecA		Negative
OXA-48, -51		Negative
qnrA1, qnrA2, qnrB(qnrS)		Negative
SHV, KPC		Negative
TEM G238S		Negative
tetB, tetM		Negative
VanA, VanB		Negative

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**Pathogens**

<u>TEST NAME</u>	<u>FLAG</u>	<u>RESULT</u>
Staphylococcus aureus		Negative
Streptococcus agalactiae (group B)		Negative
Treponema pallidum (Syphilis)		Negative
Treponema pallidum (syphilis)		Negative
Treponema pallidum (Syphilis)		Negative
Treponema pallidum (syphilis)		Negative
Trichomonas vaginalis		Negative
Uncultured Megasphaera 1		Negative
Uncultured Megasphaera 2		Negative
ureaplasma parvum		Negative
Ureaplasma urealyticum		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.