



10935 CR 159 Tyler, TX 75703
Phone: (903) 805-9955
Fax: (903) 839-2494
CLIA: 45D2063134
Laboratory Director: Mary Long, Ph.D., NRCC
www.aalabs.com

Table with 3 columns: Patient Information, Facility Information, Specimen Information. Rows include Patient, Date of Birth, Gender, Facility, Provider, Collection Date, Accession, Specimen, and Specimen Date.

Key Summary

Table with 2 main sections: Pathogen(s) Detected and Resistance Gene(s) Detected. Pathogen section includes Organism, Est. Copies/mL, and Est. Microbial Load. Resistance section includes Gene.

Pharmacy Considerations

Drug Allergies

No Allergy information provided

PharmD Notes

Serratia marcescens is naturally resistant to ampicillin, macrolides, and first-generation cephalosporins, no treatment is required at low to moderate microbial loads.

Disclaimer

Important clinical information such as comorbidities, renal function, patient weight, platelet count, microbiology results, etc. may influence the overall appropriateness of therapy.

Electronically Approved by Pharmacist Name, PharmD on 01-13-2023

Resistance Genes Key Description

Table with 2 columns: Genes and Description. Row includes Methicillin(MecA) and its description.

This nucleic acid amplification test was developed, and its performance characteristics determined by Advanta Genetics, LLC. Nucleic acid amplification tests include PCR.



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Advantage Nail/Paronychia FINAL RESULT

Organism(s) Tested	*Qualitative	Quantitative DNA copies / mL	Qualitative Result
Acinetobacter baumannii	N/A	N/A	NEGATIVE
Actinotignum schaalii	N/A	N/A	NEGATIVE
Aerococcus urinea	N/A	N/A	NEGATIVE
Bacteroides fragilis	N/A	N/A	NEGATIVE
Candida albicans	N/A	N/A	NEGATIVE
Candida glabrata	N/A	N/A	NEGATIVE
Candida parapsilosis	N/A	N/A	NEGATIVE
Candida tropicalis	N/A	N/A	NEGATIVE
Citrobacter freundii/braakii/koseri	N/A	N/A	NEGATIVE
Enterobacter cloacae	N/A	N/A	NEGATIVE
Enterococcus faecalis	N/A	N/A	NEGATIVE
Enterococcus faecium	N/A	N/A	NEGATIVE
Epidermophyton floccosum	N/A	N/A	NEGATIVE
Escherichia coli	N/A	N/A	NEGATIVE
Klebsiella aerogenes	N/A	N/A	NEGATIVE
Klebsiella oxytoca	N/A	N/A	NEGATIVE
Klebsiella pneumoniae	N/A	N/A	NEGATIVE
Morganella morganii	N/A	N/A	NEGATIVE
Prevotella bivia	N/A	N/A	NEGATIVE
Proteus mirabilis	N/A	N/A	NEGATIVE
Proteus vulgaris	N/A	N/A	NEGATIVE
Pseudomonas aeruginosa	N/A	N/A	NEGATIVE
Serratia marcescens	MEDIUM	1.09E+04	POSITIVE
Staphylococcus aureus	N/A	N/A	NEGATIVE
Staphylococcus saprophyticus	N/A	N/A	NEGATIVE
Streptococcus agalactiae	N/A	N/A	NEGATIVE
Streptococcus pyogenes	N/A	N/A	NEGATIVE
Trichophyton rubrum	N/A	N/A	NEGATIVE

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Antibiotic Resistance Gene(s) Tested	Result
Aminoglycoside (ant-1a)	NEGATIVE
Aminoglycoside (aph3)	NEGATIVE
Beta Lactamase (TEM)	NEGATIVE
Beta Lactamase (SHV)	NEGATIVE
Beta Lactamase (CTX-M-Grp1)	NEGATIVE
Carbapenem (NDM)	NEGATIVE
Carbapenem (KPC)	NEGATIVE
Carbapenem (OXA)	NEGATIVE
Fluoroquinolone (gyrA)	NEGATIVE
Fluoroquinolone (qnr)	NEGATIVE
Methicillin (MecA)	POSITIVE
Sulfonamide (Sul1)	NEGATIVE
Tetracycline (tetB)	NEGATIVE
Trimethoprim (DfrA1)	NEGATIVE
Vancomycin (VanB)	NEGATIVE
Vancomycin (VanM)	NEGATIVE
Vancomycin (VanA)	NEGATIVE

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