



CLINICIAN BENEFITS

TruDerm utilizes quantitative Real-Time Polymerase Chain Reaction (qPCR) to rapidly analyze your patient's sample in 24 hours. RT-PCR technology precisely detects the correct pathogen(s) and identifies antibiotic drug resistance. This allows providers the ability to prescribe timely and effective treatment.

THE VERODX DIFFERENCE

- Detects polymicrobial infections
- PharmD interpretation
- Easy ordering platform
- Integrates with your EMR/ EHR
- Aids in antibiotic stewardship
- Unaffected by concurrent antibiotic use

BACTERIUM

- * *Enterobacter aerogenes*
- * *Enterobacter cloacae*
- * *Klebsiella pneumoniae*
- * *Klebsiella oxytoca*
- * *Enterococcus (faecalis, faecium)*
- * *Enterococcus faecium*
- * *Mycobacterium tuberculosis*
- * *Pseudomonas aeruginosa*
- * *Proteus vulgaris*
- * *Staphylococcus aureus*
- * *Streptococcus pyogenes*
- * *Actinomyces israelii*
- * *Propionibacterium acnes (Cutibacterium acnes)*
- * *Human herpesvirus 3*
- * *Human herpesvirus 1*
- * *Human herpesvirus 2*

PARASITIC

- * *Sarcoptes scabiei*
- * *Leishmania sp*

FUNGAL

- * *Acremonium strictum*
- * *Acremonium strictum*
- * *Alternaria*
- * *Aspergillus fumigatus*
- * *Aspergillus niger*
- * *Aspergillus terreus*
- * *Aspergillus versicolor*
- * *Blastomyces dermatitidis*
- * *Candida albicans*
- * *Candida tropicalis*
- * *Candida parapsilosis*
- * *Epidermophyton floccosum*
- * *Fusarium solani*
- * *Fusarium oxysporum*
- * *Microsporium sp. (ferrugineum, audouinii, canis)*
- * *Scopulariopsis brevicaulis*
- * *Trichophyton rubrum*
- * *Trichophyton violaceum*
- * *Trichophyton soudanense*
- * *Trichophyton tonsurans*
- * *Trichophyton interdigitale*
- * *Cryptococcus neoformans*

ANTIBIOTIC RESISTANCE GENES

- * *Class A beta lactamase CTX-M1 (15), M2 (2), M9 (9), M8/25*
- * *Class A beta lactamase SHV, KPC Groups*
- * *Class B metallo beta lactamase IMP, NDM, VIM Groups*
- * *Class D oxacillinase OXA-48, -51*
- * *Extended Spectrum Betalactamases Resistance Gene TEM G236S*
- * *Fluoroquinolone Resistance Genes qnrA1, qnrA2, qnrB (qnrS)*
- * *Macrolide Lincosamide Streptogramin Resistance ermB, ermC, ermA*
- * *Methicillin Resistance Gene mecA*
- * *Tetracycline Resistance Genes tetB, tetM Trimethoprim/ Sulfamethoxazole*
- * *Resistance dfr(A1,A5), sul(1,2)*
- * *Vancomycin Resistance Genes VanA, VanB*

48h

Accurate diagnosis as soon as 48 hours

WHAT WE TEST FOR



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: 111111111

Specimen Information

ACC D2210130024
Collection Date: 10/10/2022 **Report Date:** 10/13/2022
Received Date: 10/11/2022 **Sample Type:** Clippings
Notes:

PATHOGENS DETECTED



Organism	Estimates Copies/mL	Estimated Mic. Load
Aspergillus niger		Low

RESISTANCE GENES DETECTED



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

ATA CHOICE™ Therapeutic Guidance

Drug Allergies:

Notes from Ordering Physician:

Notes from Pharmacist:

Medication Review

Category	Medication	Route	Dose	Consideration
First Line	Itraconazole	PO	200mg bid x1 week per month for 3-6 months for toenails	Obtain baseline LFTs. Check drug interactions. Black Box for CHF. Take capsule with food and acidic beverage. Avoid PPI or H2 blockers. Avoid grapefruit juice.
Alternative	Terbinafine	PO	250mg bid x7 days then off for 21 days x3-6 months for toenails	Contraindicated in chronic or active hepatic disease, get baseline LFTs before tx begins, monitor CrCl and CrCl<50 adjust dose. check drug-drug interactions.
Alternative	Voriconazole	TOP	Apply to affected nails bid x12 weeks or until new nail grows clear	Adults weighing less than 40kg reduce maint. dose 50%, Adjust dose with renal or hepatic impairment, Take on empty stomach, avoid high fat food, Infuse IV over 1-2 hrs, not to exceed 3mg/kg/hr, May cause visual disturbances, Monitor for electrolyte disturbances.

Electronically approved on 10/13/2022 by: superadmin

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Phone:

