

PART 1

PCR RESULTS IN 24HRS

Rapid Screening Swab Results	Amount (N/A)
Bacterial Load (Medium)	10 ⁴ - 10 ⁶
Staphylococcus aureus	Medium
Enterococcus faecalis	Not Detected
Klebsiella pneumoniae	Not Detected
Enterococcus faecium	Not Detected
Streptococcus pyogenes	Not Detected
Streptococcus agalactiae	Not Detected
Candida albicans	Not Detected
Pseudomonas aeruginosa	Not Detected

WE DETECT THE PRESENCE OF RESISTANCE GENES

Resistance Genes Detected	
Methicillin resistance	
Aminoglycoside	
Resistance Genes Not Detected	
Vancomycin	
Beta-lactam	
Carbapenem	
Macrolide	
Tetracycline	
Quinolone	

PART 2

NGS RESULTS IN 3-5 BUSINESS DAYS

Certain bacteria will sometimes show in level 1, but will be omitted from level 2 if under 2%.

Comprehensive Identification (Sequencing Results)	
Detected Bacteria:	
Porphyromonas bennonis	44%
Peptoniphilus asaccharolyticus	37%
Staphylococcus aureus	11%

We provide all fungal species detected within the sample. However, we do not show fungi percentages(%) due to different technology called ITS (also called 16s).

FUNGAL SPECIES DETECTED

Candida albicans

SAMPLE LAB REPORT

All pertinent patient info will appear in header

Patient:	Specimen:	Physician:
DOB:	Received:	Phone:
Patient ID:	Completed:	Fax:
Gender:	Accession:	Collected:

Comprehensive Identification (Sequencing Results)

MicroGen DX comprehensive testing (patent pending) is a relative quantitative universal test for bacteria/fungi. DNA sequencing methods are used to identify the pathogens' genetic signatures and the estimated percentage of organisms present in the specimen. Virtually all bacteria/fungi are screened for and the most predominant populations are reported.

Rapid Screening Swab Results	Amount (N/A)	Comprehensive Identification (Sequencing Results)
Bacterial Load (Medium)	10 ⁴ - 10 ⁶	Detected Bacteria: Porphyromonas bennonis 44% Peptoniphilus asaccharolyticus 37% Staphylococcus aureus 11%
Staphylococcus aureus	Medium	
Enterococcus faecalis	Not Detected	FUNGAL SPECIES DETECTED Candida albicans
Klebsiella pneumoniae	Not Detected	
Enterococcus faecium	Not Detected	
Streptococcus pyogenes	Not Detected	
Streptococcus agalactiae	Not Detected	
Candida albicans	Not Detected	
Pseudomonas aeruginosa	Not Detected	
Resistance Genes Detected		
Methicillin resistance		
Aminoglycoside		
Resistance Genes Not Detected		
Vancomycin		
Beta-lactam		
Carbapenem		
Macrolide		
Tetracycline		
Quinolone		

Only relative Rapid Screening Quantitation is obtainable from swab samples.

Complete Antimicrobial Analysis [Next Page(s)]

ANTIBIOTIC DISCLAIMER: Southwest Regional PCR assumes no liability to patients with respect to the actions of physicians, health care facilities and other users, and is not responsible for any injury, death or damage resulting from the use, misuse or interpretation of information obtained through this antibiotic report. Therapeutic options listed by the program are based upon national antibiotic susceptibility data and antibiograms. Therapy should not be undertaken without a thorough assessment of the indications, contraindications and side effects of any prospective drug or intervention. Furthermore, the database is curated and derived from incidence and prevalence statistics whose accuracy will vary widely for individual diseases and regions of the country. Changes in endemicity, incidence, and drugs of choice may occur. The list of drugs, infectious diseases and even country names will vary with time. Although we endeavor to include such new information on a timely basis, a delay cannot be avoided. For more information please contact us at 806.771.1134