

WOUND PCR TESTING

As compared with traditional cultures, wound PCR (polymerase chain reaction) testing offers a faster, more accurate, and comprehensive assessment of wound infections, supporting timely and targeted interventions for improved patient care.



Rapid and accurate results: PCR testing provides faster results compared to traditional cultures, allowing for prompt diagnosis and appropriate treatment. PCR can detect the presence of specific DNA or RNA sequences from bacteria, viruses, or fungi in the wound sample, offering high sensitivity and specificity.

Enhanced detection of pathogens: PCR can identify a wide range of microorganisms, including fastidious and slow-growing bacteria that may not grow well in traditional cultures. It can also detect multiple pathogens simultaneously, providing a comprehensive assessment of the wound microbiome.

Improved antibiotic selection: With PCR testing, providers can obtain information about the specific pathogens causing the infection and their resistance profiles, allowing for targeted antibiotic therapy. This helps to avoid unnecessary broad-spectrum antibiotic use and supports more effective treatment decisions.

Increased diagnostic accuracy: PCR testing offers high sensitivity and specificity, minimizing false-negative and false-positive results. This accuracy can help providers make more informed decisions regarding wound management, including the need for surgical interventions, wound debridement, or other specific treatments.

FAST

ACCURATE

RELIABLE



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