



NCRO

National Clinical &
Research Organisation

RESEARCH • INNOVATION • SOLUTIONS

AMR GENE PANEL

Detect Today. Treat Right. Protect Tomorrow.

A comprehensive **PCR-based** test that detects a wide range of antimicrobial resistance (AMR) genes to empower accurate diagnosis, guide effective therapy, and combat the global threat of AMR.



ACCURATE

High sensitivity
and specificity



RAPID

Fast turnaround
time



COMPREHENSIVE

Broad coverage of
AMR genes



ACTIONABLE

Results that guide
appropriate actions



RELIABLE

Robust validation
and quality

OUR AMR GENE PANEL



A conventional PCR-based panel that detects a wide range of antimicrobial resistance genes across major bacterial pathogens.

- Covers multiple classes of antibiotics (beta-lactams, carbapenems, aminoglycosides, fluoroquinolones, macrolides, tetracyclines, sulfonamides, and more)
- Detects key resistance genes including ESBL, AmpC, carbapenemases, MBL, and others
- Suitable for a variety of specimen types
- Clinically and epidemiologically relevant

IDEAL FOR



**FOOD TESTING
LABORATORIES**



**MICROBIOLOGY
LABORATORIES**



**ENVIRONMENTAL
TESTING &
MONITORING**

WHY IS AMR IMPORTANT?



FOOD INDUSTRY

- Prevents contamination of food by resistant bacteria
- Helps ensure food safety and protect consumer health
- Reduces risk of product recalls
- Supports compliance with
- Reduces risk of product recalls and brand damage



ENVIRONMENTAL MONITORING

- Detects AMR genes in water, soil, and waste
- Monitors spread of resistance in ecosystems
- Supports environmental risk assessment and control measures
- Protects public health and biodiversity



MICROBIOLOGY LABS

- Enables reliable detection of AMR genes in bacterial isolates
- Supports routine surveillance and outbreak investigations
- Helps in antimicrobial stewardship and infection control
- Provides quick, cost-effective results for better decision-making

WHY CHOOSE OUR LAB?



Expertise You Can Trust

Experienced scientific and technical team



Proven Methodology

Conventional PCR with validated primers for reliable detection



Comprehensive Coverage

Wide range of clinically relevant AMR genes



Fast & Reliable Service

Timely turnaround with rigorous quality control



Partner in Better Care

Dedicated to supporting better outcomes

CONTACT US



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