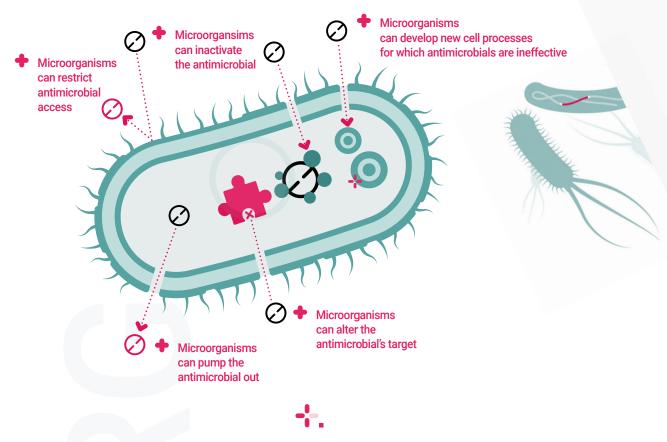


Resistance Gene Detection

Bacteria and fungi have developed **Resistance Mechanisms** to fight against antimicrobials and survive. **Antibiotic Resistance Genes** (ARGs) contain the DNA instructions by which microorganisms build their resistance mechanisms.



ARG identification empowers the provider to prescribe the right antimicrobial the first time

	ARG Guided Prescribing with Acutis Reveal™	Non-ARG Guided Prescribing
Identify the microorganism with PCR	~	✓
Identify ARGs in the microorganisms	~	X
Prescribe antimicrobial not affected by detected ARG	~	× *

The Clinical Significance of

Antimicrobial Resistance Gene Identification

