

A close-up photograph of a person's hand wearing a blue nitrile glove, holding a white test tube with a yellow cap. The test tube has a label that reads 'REVEAL™ TEST'. The background is a blurred laboratory setting with various glassware and equipment.

REVEAL™ TEST

Introducing Acutis Reveal™

Acūtis



When treating UTIs, a majority of patients will get better with empiric treatments.

However, for difficult-to-treat patients, there are three reasons for what seem to be recurring infections.

UTI Diagnostic Issues

- 1. Undetected bacteria is causing the infection**
e.g., *Aerococcus Urinae*
or *Cornyebacterium riegelii*
- 2. Polymicrobial infections**
- 3. Resistance to antibiotics**

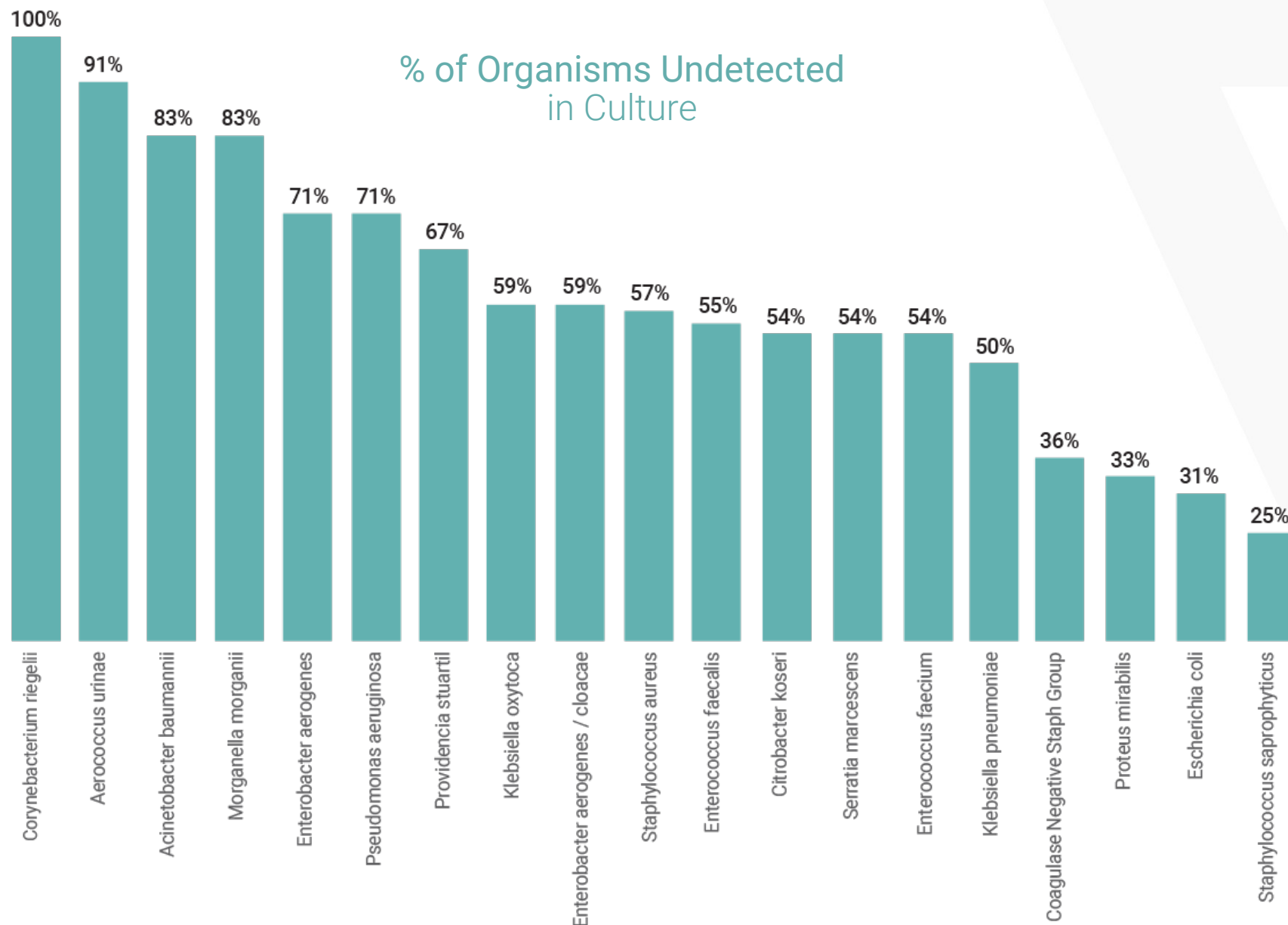
1. Undetected bacteria is causing the infection

10,000 Patient UTI Study

Acutis conducted a comparison study of 10,000 symptomatic patients.

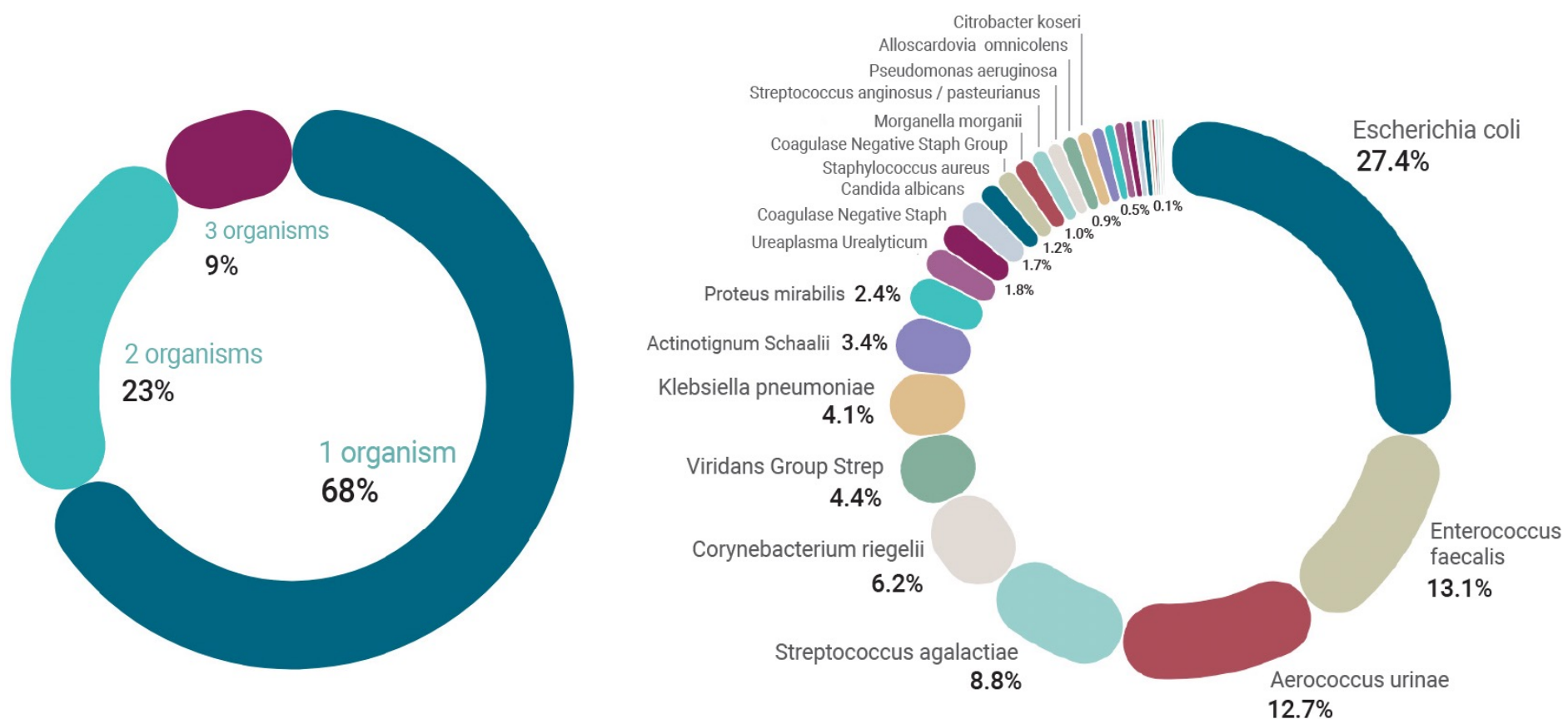
Samples were analyzed using both culture and Acutis Reveal™.

The study found that significant amounts of UTI bacteria remained undetected in culture.



2. Polymicrobial Infections

One Out Of Three Patients Have a Polymicrobial Infection
All Too Often Missed With Culture



3. Resistance to Antibiotics

Treatment Guidance: Immediate resistance information followed by antimicrobial sensitivity

Acūtis
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Acutis Reveal™ Report

Status - **FINAL**

Pathogen Detected

Name	Test, Test	Accession#	4211949	Doctor	Marjorie Bon Homme
Date of Birth	11/20/1996	Sample ID	None	Organization	Testing and Verification – Acutis
Gender	Male	Matrix	Clean Catch Urine		
ID	6-1	Collection Date	04/15/2024 12:00 AM		
		Received Date	04/15/2024 12:36 PM		
		Reported Date	04/15/2024 12:59 PM		

Urinary Tract Infection (UTI) - Detected by PCR

Organisms	Outcome; CFU/mL
<i>Escherichia coli</i>	Positive, >100,000
<i>Aerococcus urinae</i>	Positive, 10,000

Antibiogram & Antimicrobial Sensitivity Results

Treatment	Organisms: Colony Count:			Escherichia coli >100,000 CFU/mL			Aerococcus urinae 10,000 CFU/mL		
	EMP	AST	MIC	EMP	AST	MIC	EMP	AST	MIC
Ciprofloxacin	90%	S	<=0.25	EMP	–	–	EMP	–	–
Levofloxacin	76%	R	–	EMP	S	0.5	EMP	–	–
Amoxicillin/Clavulanic Acid	95%	S	4	EMP	–	–	EMP	S	0.25
Ceftriaxone		S	0.25	EMP	–	–	EMP	–	–
Nitrofurantoin	98%	S	32		–	–		–	–
Trimethoprim/Sulfamethoxazole	100%	S	<=20		–	–		–	–
Amikacin		S	<=2		–	–		–	–
Ampicillin		S	8		–	–		–	–
Ampicillin/Sulbactam		S	<=2		–	–		–	–

Accurate
Pathogen
Identification

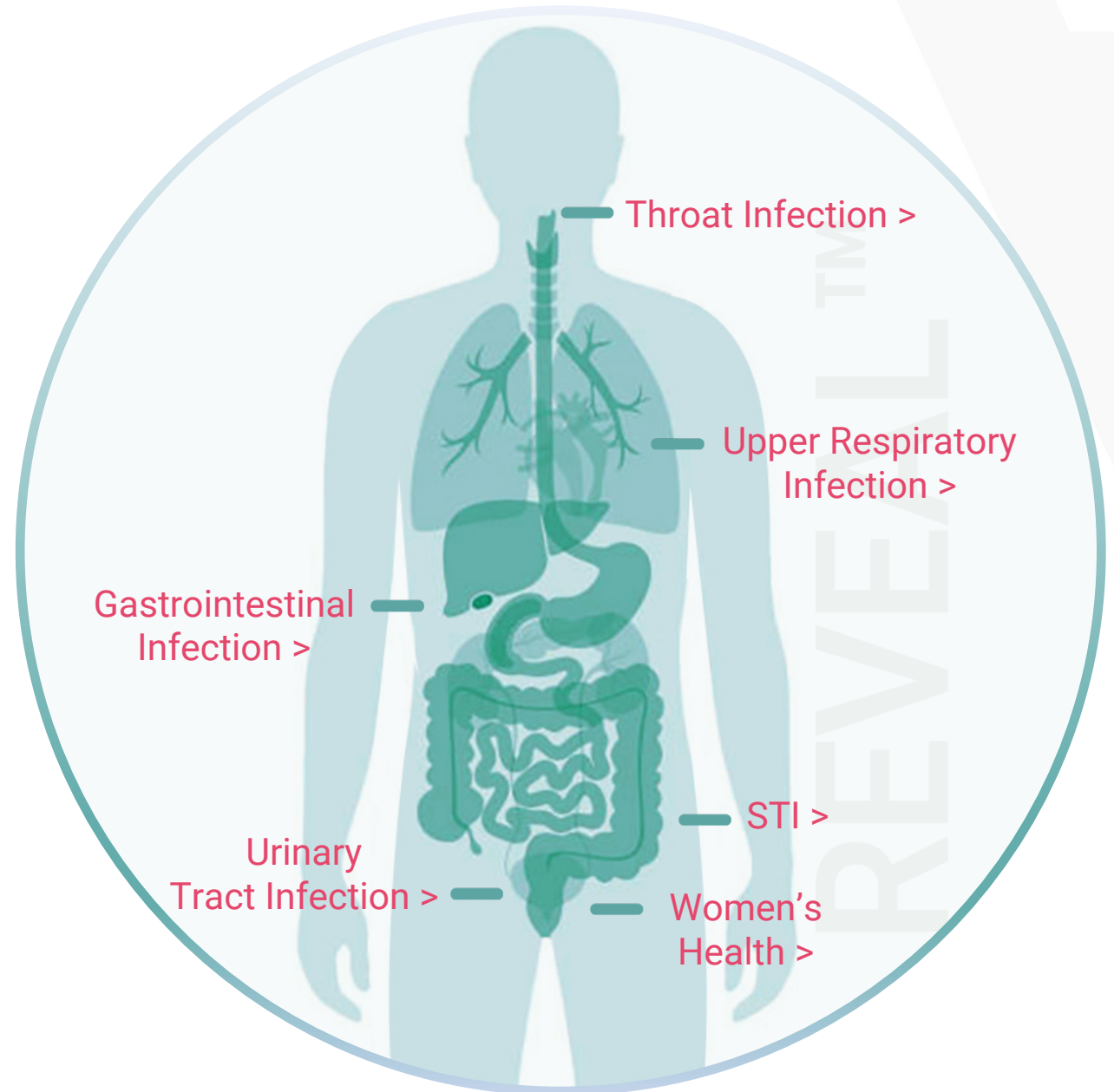
Precise Medication
Recommendation

Immediate
Gene Resistance

+

Antimicrobial
Sensitivity

Comprehensive Infectious Testing With Acutis Reveal™



Our Acutis Reveal™ STI panel can detect the following pathogens

CLEP-approved

Urine swab sample pathogens

Chlamydia trachomatis
Neisseria gonorrhoeae
Mycoplasma genitalium
Trichomonas vaginalis

Genital swab sample pathogens

Chlamydia trachomatis
Neisseria gonorrhoeae
Mycoplasma genitalium
Trichomonas vaginalis (female only)

Non-genital swab sample pathogens

Chlamydia trachomatis
Neisseria gonorrhoeae

Our Acutis Reveal™ Women's Health panel can detect the following pathogens

FDA-approved

Vaginal swab sample pathogens

Bacterial Vaginosis
Candida glabrata
Candida species group

Our Acutis Reveal™ GIT panel can detect the following pathogens

FDA-approved

Viral Targets

Adenovirus 40/41
Norovirus GI/GII
Rotavirus A

Bacterial Targets

Campylobacter
Clostridium difficile toxins A & B
Enterotoxigenic E. coli (ETEC) LT/ST
Escherichia coli O157
Salmonella
Shiga-like Toxin producing E. coli (STEC) stx1/stx2
Shigella
Vibrio cholera

Parasitic Targets

Cryptosporidium
Entamoeba histolytica
Giardia lamblia

Our Acutis Reveal™ PIT panel can detect the following pathogens

FDA-approved

Bacterial Targets

Streptococcus pyogenes

Our Acutis Reveal™ RIT panel can detect the following pathogens

FDA-approved

Viral Targets

Adenovirus
Coronavirus HKU1
Coronavirus NL63
Coronavirus 229E
Coronavirus OC43
Human bocavirus
Human metapneumovirus
Influenza A
Influenza A H1
Influenza A H3
Influenza B

Parainfluenza virus 1
Parainfluenza virus 2
Parainfluenza virus 3
Parainfluenza virus 4
Respiratory syncytial virus A
Respiratory syncytial virus B
Rhinovirus / Enterovirus

Bacterial Targets

Chlamydophila pneumoniae
Mycoplasma pneumoniae
Bordetella pertussis
Bordetella parapertussis

Our Acutis Reveal™ UTI panel can detect the following pathogens

CLEP-approved

Gram negative organisms

Acinetobacter baumannii
Citrobacter freundii
Citrobacter koseri
Enterobacter aerogenes
Enterobacter cloacae
Escherichia coli
Klebsiella oxytoca
Klebsiella pneumoniae
Morganella morganii
Pantoea agglomerans
Proteus mirabilis
Providencia stuartii
Pseudomonas aeruginosa
Serratia marcescens

Gram positive organisms

Aerococcus urinae
Corynebacterium riegelii
Enterococcus faecalis
Enterococcus faecium
Staphylococcus aureus
Staphylococcus epidermidis
Staphylococcus haemolyticus
Staphylococcus lugdunensis
Staphylococcus saprophyticus
Streptococcus oralis
Streptococcus pasteurianus
Streptococcus pyogenes
Streptococcus agalactiae
Streptococcus anginosus

Fungi

Candida albicans
Candida glabrata
Candida parapsilosis



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