

MICRONAUT-UR

New product designed for bacteriological diagnostics in Urinary Tract Infections (UTI):

Maximum flexibility and reliability for all demands of the laboratory routine combined in a single system

- ▼ Colorimetrische Identifizierung von 50 Taxa der relevanten gramnegativen Stäbchen und grampositiven Kokken mit 24 Reaktionen
- ▼ Colorimetric identification of 50 taxa of the relevant gram-negative bacilli and gram-positive cocci with 24 reactions
- ▼ Antimicrobial susceptibility testing of all relevant gram-negative bacilli and gram-positive cocci with 22 antibiotics (incl. MRSA detection and ESBL screening)
- ▼ Identification and susceptibility testing of 2 isolates combined in one work step based on ideal workflow
- ▼ Computer-assisted interpretation after visual or automatic reading
- ▼ Automated reading enables interpretation within 6 hours
- ▼ MICRONAUT software for automated reading, evaluation, interpretation and reports:
 1. Expert system for verification of MIC data in terms of plausibility and efficacy
 2. Statistic-module for the statistic evaluation of the generated data
 3. QA-module for the internal quality control
 4. Interface for AIS systems in GDT and in LDT format included
- ▼ Easy storage (15-25 °C) and high product stability (shelf life of 24 month from date of production).



Taxa-Liste

Achromobacter species	Plesiomonas shigelloides
Acinetobacter species	Proteus mirabilis
Aeromonas species	Proteus vulgaris
Burkholderia cepacia	Providencia alcalifaciens
Citrobacter amalonaticus	Providencia rettgeri
Citrobacter freundii	Providencia stuartii
Citrobacter koseri	Pseudomonas aeruginosa
Corynebacterium urealyticum	Pseudomonas oryzihabitans
Cronobacter sakazakii	Pseudomonas putida
Enterobacter aerogenes	Pseudomonas species
Enterobacter cloacae	Raoultella ornithinolytica
Enterobacter asburiae	Salmonella species
Enterobacter gergoviae	Serratia liquefaciens
Enterococcus durans	Serratia marcescens
Enterococcus faecalis	Serratia rubidaea
Enterococcus faecium	Staphylococcus aureus
Escherichia coli	Staphylococcus epidermidis
Hafnia alvei	Staphylococcus haemolyticus
Klebsiella oxytoca	Staphylococcus lugdunensis
Klebsiella pneumoniae subsp. pneumoniae	Staphylococcus saprophyticus supsp. saprophyticus
Kluyvera cryocrescens	Stenotrophomonas maltophilia
Leclercia adecarboxylata	Streptococcus agalactiae
Micrococcus luteus	Streptococcus bovis
Morganella morganii	Streptococcus pneumoniae
Pantoea agglomerans	Streptococcus pyogenes

Class	Antibiotics
Penicillins	Penicillin G, Amoxicillin, Piperacillin, Oxacillin (detection of Methicillin resistance)
β -Lactam / β -Lactamase combinations	Amoxicillin-clavulanic acid, Piperacillin-tazobactam
Cephems	Cefaclor, Cefuroxime, Ceftazidime, Cefotaxime, Cefpodoxime (ESBL screening)
Fluoroquinolones	Norfloxacin, Ofloxacin, Levofloxacin, Ciprofloxacin
Aminoglycosides	Gentamicin
Tetracyclines	Doxycyclin
Others	Fosfomycin, Nitrofurantoin, Nitroxolin, Trimethoprim, Trimethoprim-sulfamethoxazole