



## **HB&L UROQUATTRO**

FOR RAPID BACTERIAL CULTURE AND RESISTANCE DETECTION

ver the years, the Microbiology laboratory workload exponentially increases, therefore new faster and more effective methods of analysis are needed to overcome the limitations of conventional methods that include longtime of analysis and low level of automation.

HB&L Uroquattro, with dedicated reagents, performs rapid bacterial culture, Residual Antimicrobial Activity (RAA) test, clinical antimicrobial susceptibility testing and rapid phenotypic screening of Multi-Drug Resistant organisms (MDRO), in a few hours with **high sensitivity and specificity**.



## **AUTOMATED**



## **PHENOTYPIC**

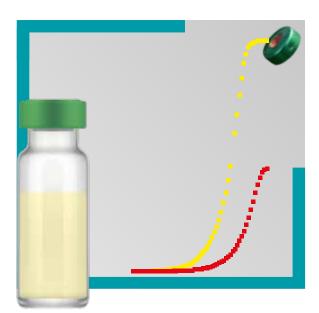






## Real-time growth curve detection of live microorganisms with single sample managment

- Quantitative results expressed in CFU/ml
- Customizable thresholds and incubation time
- Continuous loading
- 37°C incubation
- McFarland Monitor option



HB&L monitors the bacterial replicating phase, from the inoculum step into specific culture broths providing real-time growth curves and quantitative bacterial count results in CFU/ml.

All the samples are incubated on board at **37°C** and **only replicating microorganism are detected** while interference from non replicating substances such as erythrocytes, leucocytes, dead cells and salts present in the sample are eliminated during the initial zero reading.

The software flexibility of the HB&L UROQUATTRO allows to perform simultaneously different tests.

TEST AND APPLICATIONS	
Urine Culture	3 hours, cutoff 30.000 CFU/ml
Residual Antimicrobial Activity (RAA) test	Simultaneously to the culture test
Human Biological Liquid Bacterial Culture	6 hours, cutoff <50 CFU/ml
Bacteria Culture on special sample	6 hours, cutoff <50 CFU/ml
MDRO culture screening	6,5 hours
Aerobics, Anaerobics and Yeast/Fungi detection for microbiological suitability tests	48 hours
Susceptibility testing with customised antibiotic panel for: Urine, Human Biological Liquids, Positive Blood Culture, Isolated Colonies	3 or 5 hours

**HB&L UROQUATTRO** code SI 190.300 **HB&L UROQUATTRO Light** code SI 190.300L



Bibliography available at www.alifax.com