

HB&L UROQUATTRO

FOR RAPID BACTERIAL CULTURE
AND RESISTANCE DETECTION

Over 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

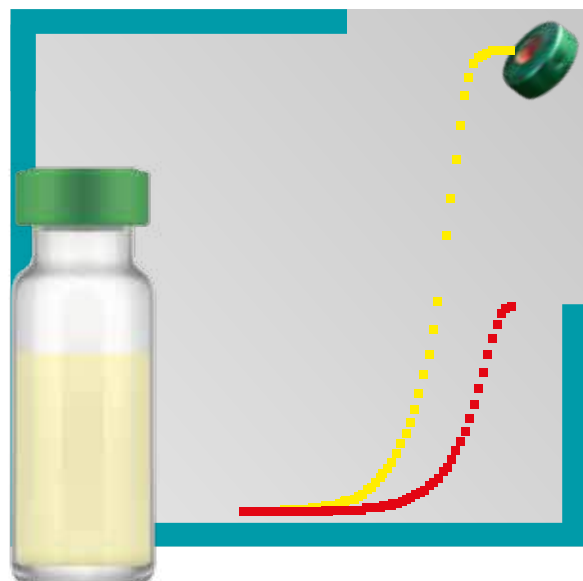


RAPID



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

- 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

CE IVD MARKED

Bibliography available at www.alifax.com

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Entered in Padova companies register at the n. 04337640280. Company stock € 10.000.000 entirely deposited.

Company with single partner and subjected to direction and coordination of Alifax Holding.