



i.Laboratory (Microbiology)

The better way to manage laboratory information

A powerful suite of applications designed to meet the data collection and reporting needs of microbiology, serology and virology laboratories

Environmental sample handling

Unlike other laboratory departments, microbiology labs have to deal with non-patient-based specimens from a variety of sources. i.Laboratory includes specific functionality to manage a range of non-clinical samples from environmental sampling to full food and water testing, to NAMAS levels. Links to the clinical system support accurate outbreak management and reporting, including summaries for CDR reporting.

Paired-Sera management

Testing of related samples is not restricted to a pair but is available for numerous master and subordinate samples. Supporting testing and retesting of acute samples with convalescent samples, i.Laboratory has the flexibility to support working practices in this sometimes complex testing area. Specific enquiry and reporting facilities ensure that paired investigations are clearly highlighted within displays and printed reports.

Infection control

i.Laboratory provides specific functionality for the flagging of isolates and patients as infection risks. These may be default settings for specific isolates or rules-based according to user defined criteria. Management routines for the analysis of isolates based on risk are available to selected users and provide browser-based views of related information in a clear and rapid manner.

Result suppression (automatic and manual)

Rules-based configuration supports the automatic withholding of identified results according to the site's requirements. This allows, for example, the implementation of an antibiotic reporting policy based on local criteria where only specific antibiotics are reported according to the patient location, infection, sensitivity pattern and other parameters. Manual suppression of results is also available such that a clinical decision may be made to suppress or reveal specific results based on individual interpretation.

Communicable Disease Reporting (CDR)

The system provides specific output mechanisms to enable the reporting of significant isolates to the Centre for Disease Control. Additional reporting mechanisms are also available for the output of routine sensitivity data according to a pre-defined and configurable schedule.

About iSOFT

iiSOFT is part of the IBA Health Group, the largest specialist information technology company listed on the Australian Securities Exchange.

IBA builds software applications for healthcare. We work with healthcare professionals to design and build solutions that answer all of the difficult questions posed by today's care delivery challenges. Our solutions act as a catalyst for change, supporting the free exchange of critical information across diverse care settings and participant organisations. We are the leader in the provision of advanced application solutions in modern healthcare economies around the world.

Today, over 13,000 provider organisations in 35 countries across five continents use IBA's solutions to manage patient information and drive improvements in their core processes. The group's sustainable development is delivered through careful planning, in-depth analysis of our market and anticipation of evolving requirements. Our business is driven by the collective talent, experience and commitment of over 3,500 healthcare IT experts around the globe.

A global network of IBA subsidiaries, supported by an extensive partner network, provides substantial experience of national healthcare markets. As a result we offer our customers comprehensive knowledge of local market requirements, in terms of culture, language, working practice, healthcare regulation and organisational structure.

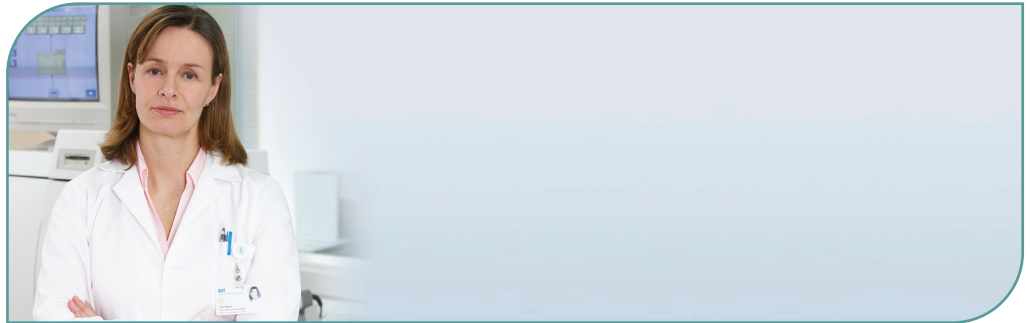
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**Imaging**

Imaging features in i.Laboratory allow the user to attach images at both the patient and sample level. Images may be annotated with lines or comments and may include associated notes. Once completed, the image, and associated notes if required, may be printed with a demographic header.

Sensitivity testing

i.Laboratory supports standard disk diffusion methodology, as well as being able to record zone sizes and Minimum Inhibitory Concentrations (MIC). All antibiotic panels are fully user-definable and requestable, using the rules base according to required parameters.