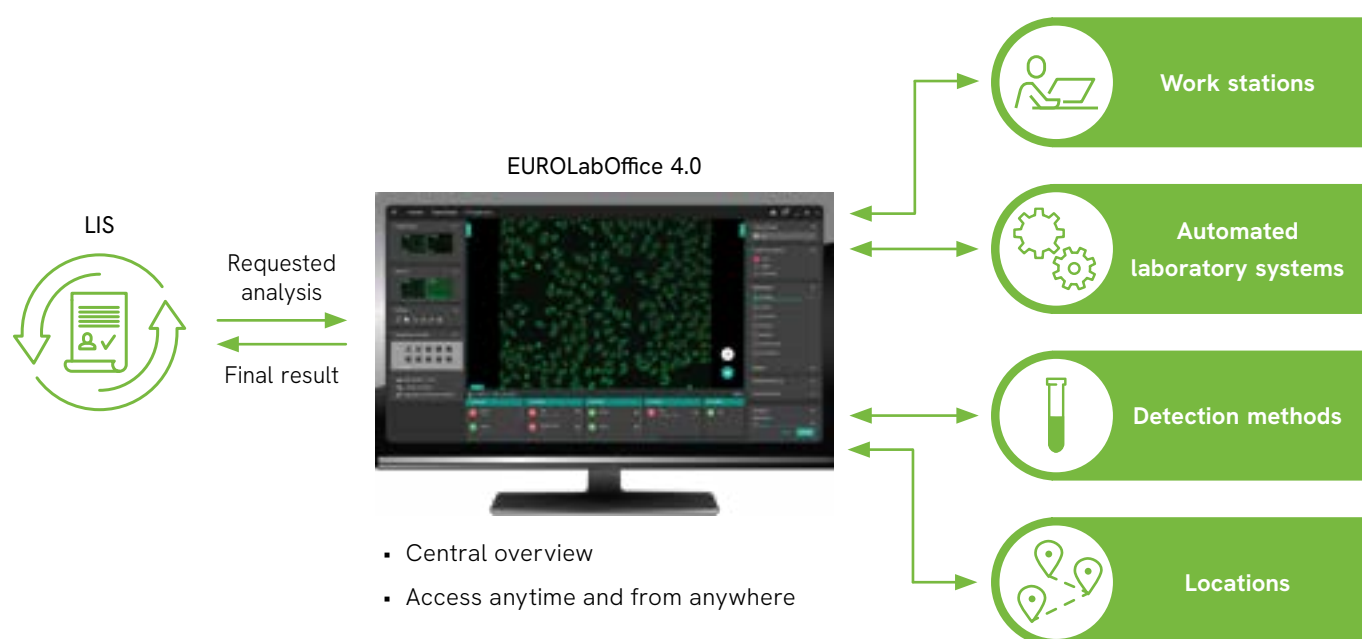euroimmun

From Revvity

EUROLabOffice 4.0

Digital laboratory organisation and intelligent interconnectivity for your diagnostic laboratory

- Flexibility for your daily routine using EUROLabOffice 4.0 as central interface in your diagnostic laboratory
- Simple, intuitive operation with only a few clicks – user-friendly interface for each individual work station
- Faster result generation – optimised workflows with minimal hands-on time
- Convenient automation process – continuous exchange with the laboratory information system (LIS) and connected instruments
- Full focus on the patient – clear presentation of all results with a comprehensive patient history including all immunofluorescence images on one page

Intelligent integration – secure, fast and traceable

- Continuous exchange between ELO 4.0 and LIS for data availability at all times
- Inter-connection of all work stations and automated laboratory systems, including optimised connection of random access instruments
- Central interface for all detection methods: IFA, ELISA, blot and ChLIA
- Optimised access to all data, anytime and from anywhere, even across different locations

LIS

Requested analysis →

Final result ←

EUROLabOffice 4.0

→ Work stations

↔ Automated laboratory systems

↔ Detection methods

↔ Locations

- Central overview
- Access anytime and from anywhere

All in one software – valuable assistance from start to finish

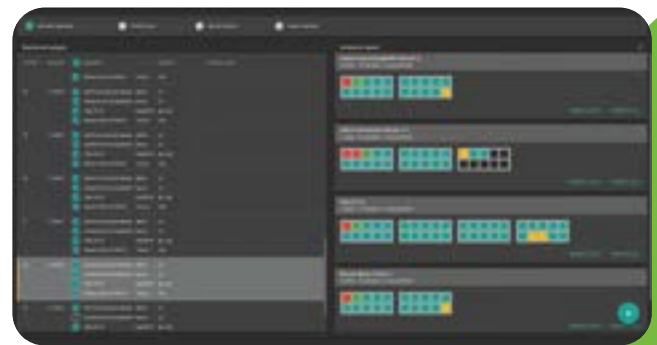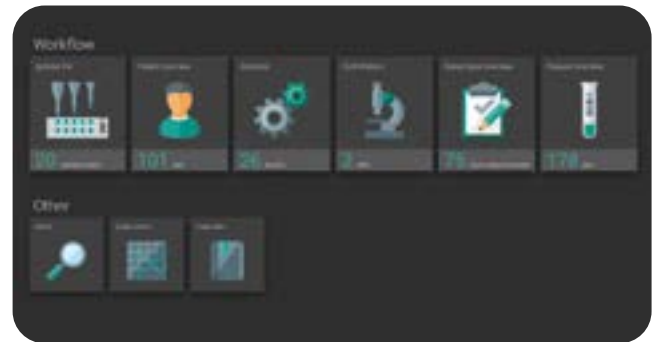| 1. Sample registration | 2. Organisation | 3. Test processing | 4. Results | 5. Archiving |

Flexible creation of optimised work protocols –
for varying daily requirements in your laboratory routine

- Intuitive usage of the software thanks to the clearly structured user interface
- Automatic cost optimisation during protocol creation
- Automatic comparison of the samples registered with the laboratory instrument with open requests in the LIS
- Digital patient and result lists for simple laboratory organisation
- Possibility of spontaneous adaptation of sample, test or dilution choices via the live view and direct recalculation of the work protocol
- Flexible real-time access to all requests for optimal support in the laboratory routine

User-friendly result display – fast and reliable result generation

- Helpful information on test processing and sample traceability available at all times

- Combined presentation of recent requests and all test results from all work stations on one page

- Access to the entire patient history, including IFA and blot images, directly during result entry

- Automatic result proposal for a growing number of substrates, encompassing positive/negative classification or pattern recognition as well as calculation of titers based on AI-enhanced software when using the UNIQO 160 or the automated microscopes EUROPattern Microscope Live and EUROPattern Microscope
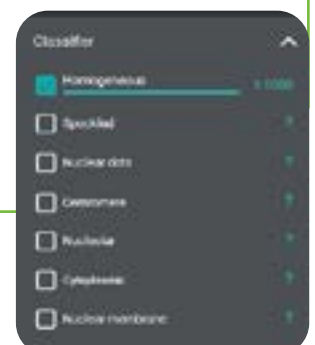

- Result proposal

- Patient history with direct access to individual results and images

- Dilutions
- Substrates
- Process information
- Lot information

- Pattern and titer proposals
- Positive/negative classification

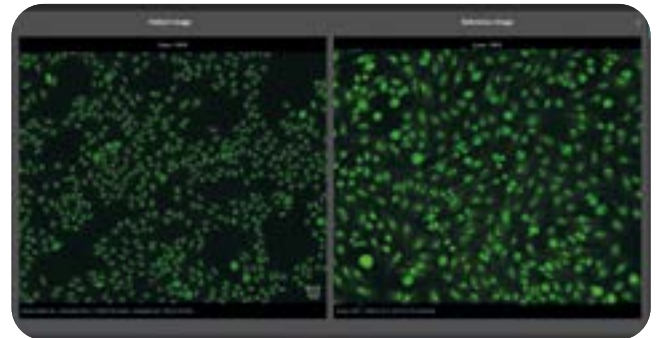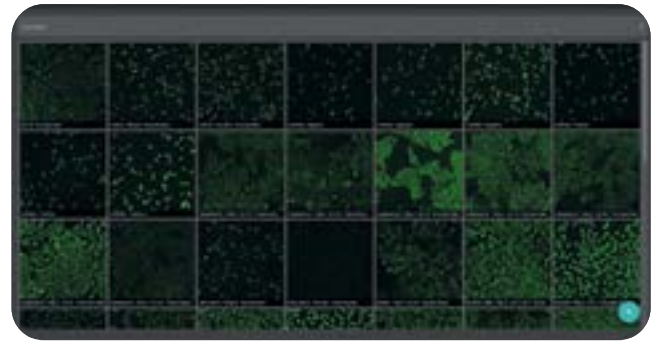# The icing on the cake – maximum reliability of IFA evaluation with the image atlas

- Comprehensive IFA image atlas comprising ICAP*-conformal reference images

- Automated selection of suitable reference images based on the software-suggested IFA pattern during use of the UNIQO 160 or the automated microscopes EUROPattern Microscope Live and EUROPattern Microscope

- Simple comparison of patterns on the evaluated image with the corresponding reference image in a side-by-side view

- Flexible expansion of the image atlas by user-own IFA images and freely creatable keywords according to individual needs

* International Consensus on ANA Patterns

Comparison of patterns

Full focus on the patient

To enable fast and reliable result interpretation, ELO 4.0 combines all the results on one page, allowing a comprehensive view of a patient's data. The result evaluation is additionally supported by automatically generated result proposals and the image atlas.

This will give you more efficiency and reduce test reruns, resulting in cost- and time-savings for you and the patients.

Instrument and software connections – a variety of solutions for every laboratory

- Bidirectional connection to fully automated IFA processing instruments, fully automated ELISA processors, automated microscopes as well as the fully automated random access systems (see Figure)

- Bidirectional connection to the automated blot processors EUROBlotOne and EUROBlotMaster (via EUROLineScan)

- Connection of devices from other manufacturers available upon request

- Standard interfaces with LIS connection (HL7, ASTM, GDT, XML etc.)

ELO 4.0

EUROLabWorkstation IFA

UNIQO 160

EUROPattern Microscope

EUROPattern Microscope Live

IF Sprinter

Sprinter XL

EUROLabWorkstation ELISA

EUROIMMUN Analyzer I

EUROIMMUN Analyzer I-2P

EUROArrayProcessor

IDS-i10**

IDS-iSYS**

EUROBlotOne

EUROBlotMaster 44

EUROLineScan

** Product manufactured by Immunodiagnostic Systems Ltd. (IDS). IDS-i10 and IDS-iSYS are trademarks of Immunodiagnostic Systems Ltd. (IDS), available to order from your local Euroimmun contact.

Order information

Software	Order number
EUROLabOffice 4.0	YG 0250-0101-7

We are happy to configure EUROLabOffice 4.0 according to your individual work needs.

Find out more at about EUROLabOffice 4.0
www.euroimmun.com
or contact us directly at
www.euroimmun.com/contact

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