



# EUROLabCSF

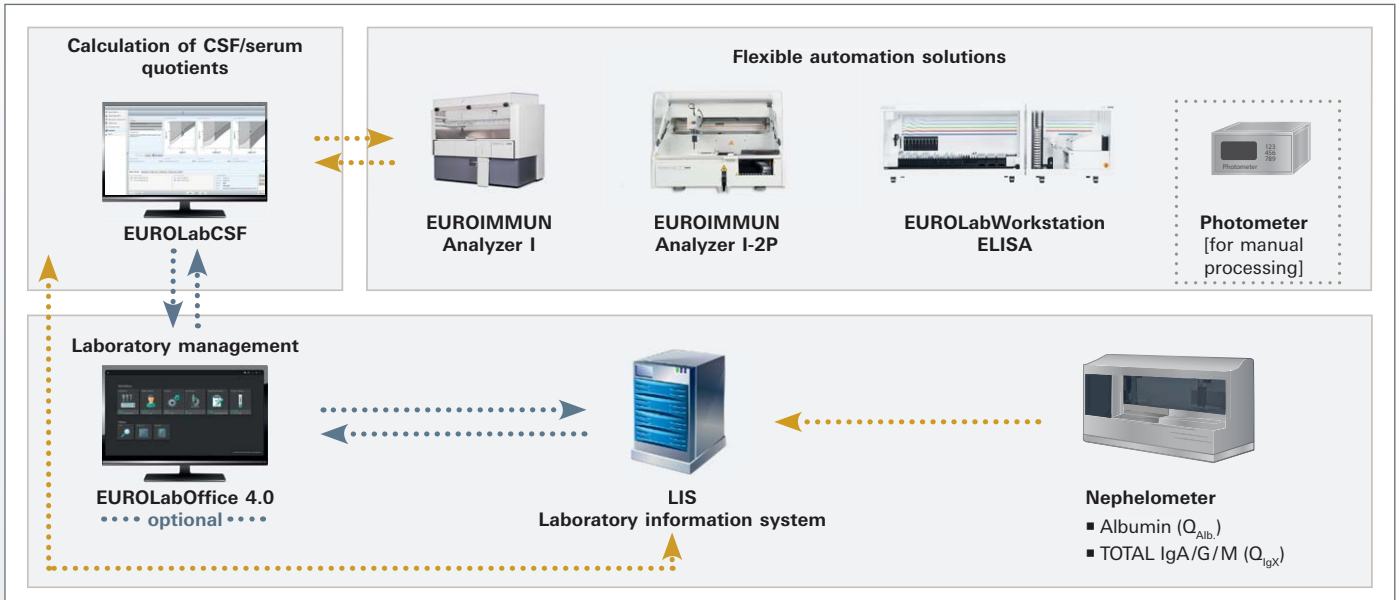
Software for automated and secure  
evaluation of CSF diagnostics



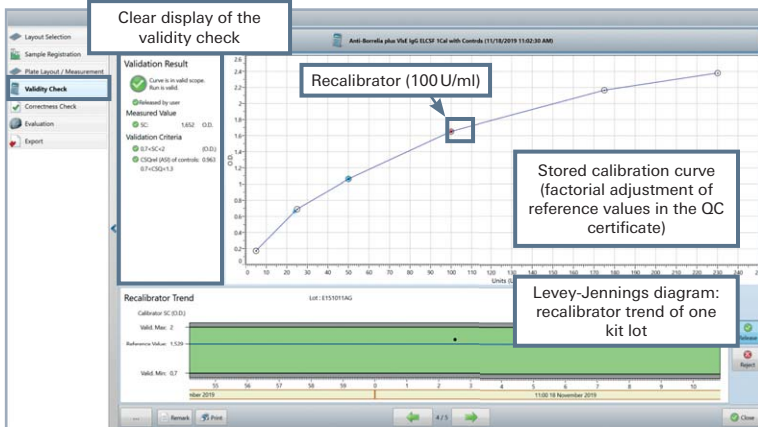
- Automated calculation of CSF/serum quotients from pathogen-specific antibody, albumin and total IgA/G/M concentrations
- No manual data transfer necessary – bidirectional data connection between EUROIMMUN Analyzer I, EUROIMMUN Analyzer I-2P, EUROLabWorkstation ELISA or photometer, LIS and nephelometer
- Integrated repeater management: supports workflow for samples requiring repeat analysis at higher dilutions
- Clear graphic display in quotient diagrams according to Reiber and Lange
- Storable standard curve for minimal calibration effort
- Excellent service – reagents, instruments and software from one supplier



**EUROLabCSF** is a software for the automated calculation of CSF/serum quotients ( $Q_{alb}$ ,  $Q_{IgX}$ ,  $Q_{spec}$ ,  $Q_{lim}$  and antibody index AI). The AI allows a statement to be made on intrathecal, pathogen-specific antibody synthesis. The albumin and antibody concentrations determined by means of nephelometer and EUROIMMUN instruments are transferred online into EUROLabCSF. In this way, time-consuming and error-prone manual data transmission can be avoided. However, the albumin and total IgA/G/M values or quotients can also be entered into EUROLabCSF manually. In the case of manual processing of the EUROIMMUN CSF ELISAs, a photometer can be connected.



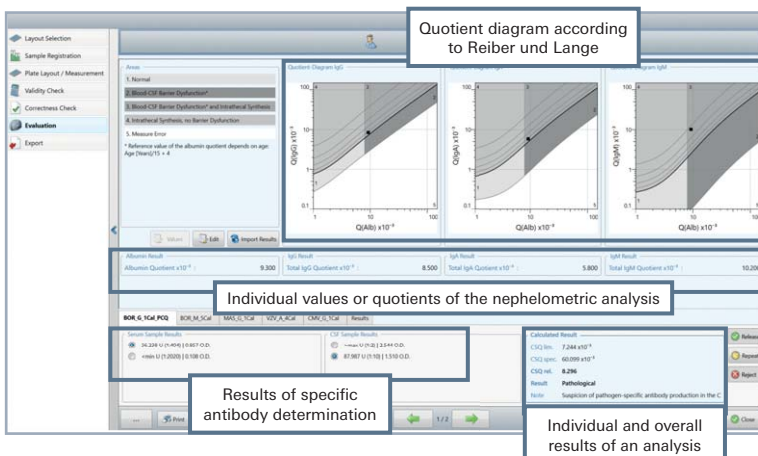
## Validity check



Optionally, a stored standard curve can be used. In this case, only one recalibrator needs to be included per test run instead of 4 to 6 calibrators. In this way, ELISA wells can be saved. The recalibration, validity check and calculation of antibody concentrations are carried out fully automatically by EUROLabCSF.

For internal quality control, the values of the recalibrator or of the serum/CSF controls of different test runs of one lot are clearly displayed and managed (Levey-Jennings diagram).

## Evaluation



In the detailed view of a patient, all individual results as well as a final result proposal are shown. In addition, the CSF/serum quotients  $Q_{alb}$  and  $Q_{IgX}$  are graphically displayed in the quotient diagram according to Reiber and Lange and can be interpreted according to the legend. Numerous configuration options allow for individual adjustment of units and report texts.

All results can be exported and/or printed. There are different options for printing.