

CSF Diagnostics with the SERION Immunomat™

The SERION Immunomat™ is a 4-plate benchtop automaton with integrated pipetting system, plate transporter, ELISA washer and reader. A software specially optimized for CSF diagnostics enables CSF/serum sample pairs to be selected at will, combined with one another and processed automatically irrespective of the desired dilutions and SERION ELISA *classic*.

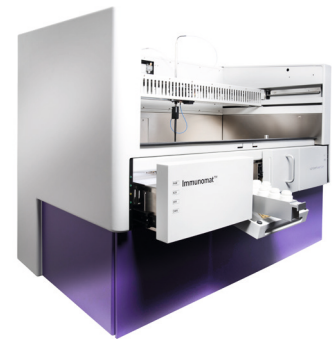
Fully automated ELISA Analyzer

The SERION Immunomat™ attention to detail includes a barcode identification system for racks, reagents, and microtiter plates and allows the processing of up to 16 different assays per plate. The easy access to buffers and reagents, level sensors for all fluid containers and a software-controlled tip management system guarantee customer convenient handling. The SERION Immunomat™ is evaluated for antibody and antigen detection in serum, plasma and cerebrospinal fluid (CSF), if necessary, as well as for avidity determination with SERION ELISA *classic* and SERION ELISA *antigen* immunoassays.

SERION Immunomat™ Software

The software allows the generation of assay protocols, panel definitions and worklists for routine diagnostics. Connection to laboratory software systems is possible via the bi-directional ASTM interface. A large number of assay protocols with defined dilutions are available for the processing of sample material in CSF diagnostics. As a result, the desired dilutions of serum and CSF samples can be selected and combined with one another at will by the user. The calibration is done by the SERION Immunomat™ irrespective of the sample material and the chosen dilution. It is possible both to combine different immunoassays in a test run and to determine different immunoglobulin classes of a parameter in parallel.





Highlights of SERION Immunomat™ in CSF diagnostics

- Validated for antibody detection in serum, plasma or cerebrospinal fluid (CSF) with SERION ELISA immunoassays
- Software specially optimized for CSF diagnostics
- Different dilutions of serum and CSF samples can be selected and combined at will
- Parallel processing of CSF diagnostics and serology in one test batch
- All SERION ELISA *classic* can be combined at will