

Compact Analyzer

2-plate ELISA System

A complete solution

The 2-plate ELISA System is a benchtop automat with integrated pipetting system, plate transporter, incubators with agitation function, ELISA washer and reader. The integrated PC with touchscreen monitor and user-friendly software solution guarantees convenient handling with total walk-away functionality. The system functions in compliance with the in-vitro diagnostic directive 98/79/EC.

Compact analyzer

It includes a barcode identification system for racks and reagents, level sensors for fluid containers and a software-controlled management system for disposable tips guaranteeing customer convenient handling.

Software

The user-friendly software solution allows the convenient generation of assay protocols, panel definitions and worklists for routine diagnostics. The instrument is evaluated for all SERION ELISA *classic* and SERION ELISA *antigen* immunoassays (incl. CSF diagnostics and avidity determination) and allows for the combination of up to 12 different assays per plate.

Quantitative evaluation of SERION ELISA tests is carried out fast and conveniently with this software. Its connectivity to laboratory information systems (LIS) is possible via the bi-directional ASTM interface.

Features

- Fully automated ELISA analyzer for low to medium throughput applications
- Evaluated for antibody detection in serum, plasma or cerebrospinal fluid (CSF) with SERION ELISA *classic* immunoassays
- Ease of use, installation and maintenance
- Short loading times with continuous loading function for patient samples, reagents and MTPs
- Combination of up to 12 different assays per plate
- 2D hand barcode scanner for scanning the lot-specific parameters from quality control certificates
- Level sensors for fluid containers with warning in case of lack of reagents or filled waste container
- Easy access to buffers and reagents
- Multishot dispenser function and memory function for tip racks
- Barcode identification of samples and reagents
- Total walk-away functionality
- Fast and quantitative evaluation of SERION ELISA immunoassays
- Integrated PC with touchscreen monitor
- Bi-directional connectivity to laboratory information systems (LIS) via ASTM interface

Specifications

Utility space incl. bottles & monitor (W x D x H): 150 cm x 90 cm x 75 cm

Weight: 100 kg

Max. number of plates: Up to 3 microtiter plates

Barcode: Barcode identification of samples and reagents

Barcode laser: Scanner for racksystem

Max. number of samples: Max. 192 samples or 144 samples, 8 reagents, 15 controls

Dilution positions: Up to 2 dilution plates

Max. number of tip racks: Up to 3 tip racks with 300 µl or 1100 µl disposable tips

Pipetting system: Liquid pipettor for disposable tips

Incubation capacity: 2 independent chambers with agitation function

Capacity of wash buffers: Max. 3 position

Fluid alarms: Automated warning in case of lack of reagents or filled waste container

Spectral range photometer: 400-700 nm

Dynamic range photometer: 0.0 OD up to 3.0 OD

Connectivity: bi-directional ASTM interface

Order Information	Order No.
2-plate ELISA System	VT024
Pipetting tips, 300 µl, 18 x 960 tips	VT111
Pipetting tips, 1100 µl, 10 x 960 tips	VT112
Plastic bottles, white, with cap, 35 ml, 100 pieces	VT113
Plastic bottles, yellow, with cap, 35 ml, 100 pieces	VT114
Container, Reagent, 50 ml (Set of 50)	GE-10047736
Glasbottles, with cap, 2.5 ml, 323 pieces	VT116
Glasbottles, with cap, 2.5 ml, 30 pieces	VT116-30
Waste bags, 10 pieces	VT069-002