

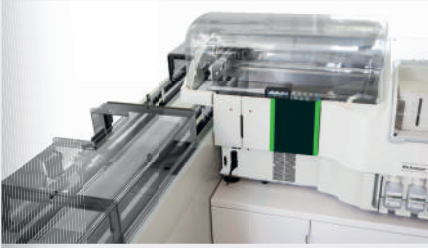


RA Analyzer 10

Random access system for
chemiluminescence immunoassays (ChLIA)



- Fully automated ChLIA processing for autoimmune and infection diagnostics as well as antigen detection
- High throughput with minimal effort
- Convenient and secure operation through barcode identification and RFID technology



Compact system

Connection to a laboratory track system



Flexible laboratory use

Continuous loading,
preferential processing of emergency samples



High throughput

Up to 85 tests per hour –
first results after 25 minutes



High-quality ChLIA reagents

Ready-for-use reagents, onboard cooling



Complete traceability

Automated identification of samples and
reagents by means of barcodes

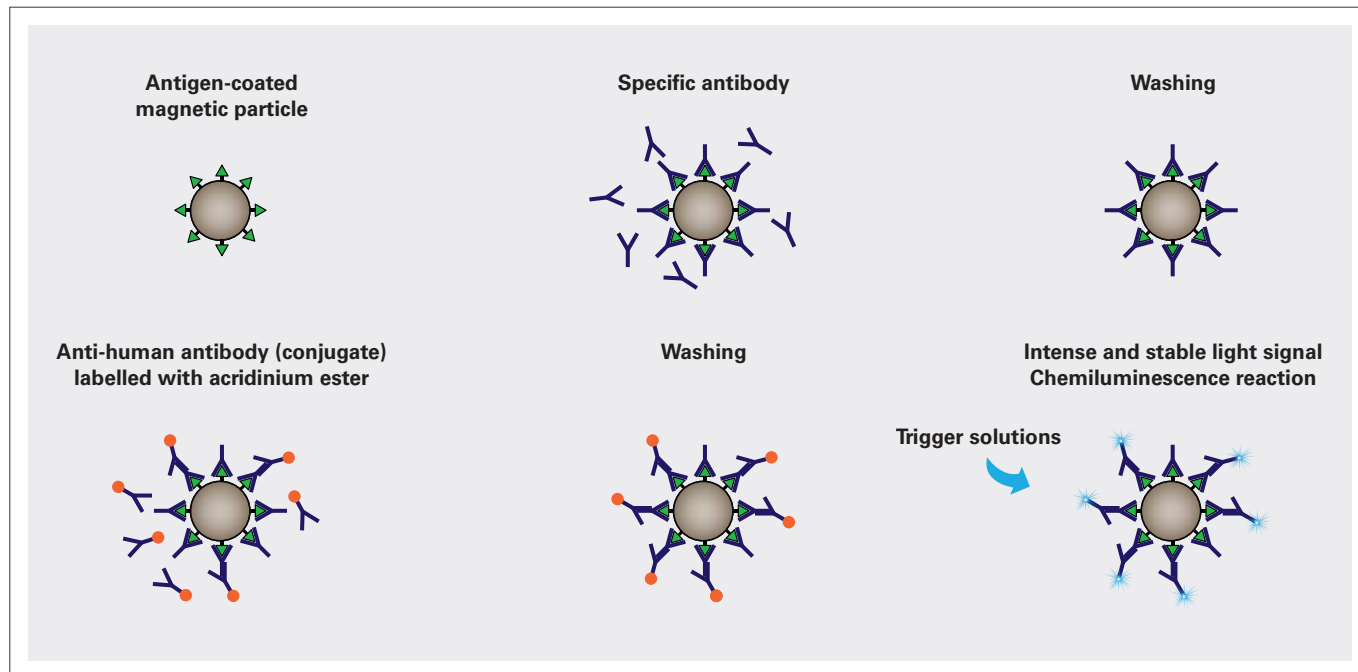


Security and efficiency

RFID technology for automated import of
lot-specific information and master curves

Chemiluminescence-based technology

Test principle



EUROIMMUN ChLIA

Products for infection diagnostics	Order no.
Anti-Borrelia ChLIA (IgG)	LI 2132-10010 G
Control Set Anti-Borrelia ChLIA (IgG)	LR 2132-20210 G
Anti-Borrelia ChLIA (IgM)	LI 2132-10010 M
Control Set Anti-Borrelia ChLIA (IgM)	LR 2132-20210 M
Anti-EBV-CA ChLIA (IgG)	LI 2791-10010 G
Control Set Anti-EBV-CA ChLIA (IgG)	LR 2791-20210 G
Anti-EBV-CA ChLIA (IgM)	LI 2791-10010 M
Control Set Anti-EBV-CA ChLIA (IgM)	LR 2791-20210 M
Anti-EBNA-1 ChLIA (IgG)	LI 2793-10010 G
Control Set Anti-EBNA-1 ChLIA (IgG)	LR 2793-20210 G
Products for autoimmune diagnostics	Order no.
Anti-PR3 ChLIA (IgG)	LA 1201-10010 G
Control Set Anti-PR3 ChLIA (IgG)	LR 1201-20210 G
Anti-PLA2R ChLIA (IgG)	LA 1254-10010 G
Control Set Anti-PLA2R ChLIA (IgG)	LR 1254-20210 G
Products for antigen detection	
Beta-Amyloid (1-40) ChLIA	LQ 6511-10010-L
Control Set Beta-Amyloid (1-40) ChLIA	LR 6511-20210-L
Beta-Amyloid (1-42) ChLIA	LQ 6521-10010-L
Control Set Beta-Amyloid (1-42) ChLIA	LR 6521-20210-L
Total Tau ChLIA *	LQ 6531-10010-L
Control Set Total Tau ChLIA *	LR 6531-20210-L
pTau(181) ChLIA *	LQ 6591-10010-L
Control Set pTau(181) ChLIA *	LR 6591-20210-L

*available soon



Materials and additional reagents for the RA Analyzer 10

Product	Order no.
RA Analyzer System Liquid	LL 0711-0105
RA Analyzer Wash Solution	LL 0712-0110
RA Analyzer Trigger Set	LL 0713-0201
RA Analyzer D-Sorb Solution Set	LL 0714-0201
RA Analyzer Cleaner Kit	LL 0715-0101
RA Analyzer Cartridge Checking System Kit	LL 0716-0101
RA Analyzer Cuvettes	ZL 0731-01960

Technical data of the RA Analyzer 10

Samples and reagents

- Sample tubes 60 positions (outer diameter 11 mm and 13 – 16 mm, height 70 – 100 mm)
- Sample identification automated barcode identification during sample loading (Code39, 2/5 Interleaved, EAN/UPC, Codabar, Code128)
- Sample processing onboard dilution and automated pretreatment, placement of STAT samples possible on all positions
- Lab track system optional connection to lab track from Inpeco
- Reagent module 100 determinations per kit, up to 10 different ready-for-use reagent cassettes with onboard cooling to 12–15°C in operation and standby mode

Pipetting unit

- Needle system 1 washable needle with clot detection and capacitive liquid-level detection
- Volume samples: 4 – 300 µl in increments of 0.5 µl
reagents: 0– 400 µl in increments of 1 µl
- Precision CV 2 %

Reaction carousel

- Capacity 72 positions for disposable cuvettes
- Loading pre-heated automated loading device for 960 disposable cuvettes
- Washing 4 independent stations
- Temperature range 37°C ± 0.5°C

Luminometer

- Wavelength 300–500 nm
- Linearity up to 10⁶ RLU

System

- Operating system Windows 10 (64 bits)
- Connection RJ45
- Bidirect. communication ASTM
- Power supply 100–240 V, 600 VA, 50–60 Hz
- Width x depth x height 104 cm x 60,5 cm x 94 cm (with open cover)
- Weight 81 kg