

ELISAProXL

by **vmrd**

High-Capacity Automated ELISA processor

FULLY-AUTOMATED PROCESSING, MODULAR DESIGN
Simplify your laboratory workflow, increase your productivity, and reduce waste with the ELISAProXL.

Modular design with optional

Convection Incubator
Linear Shaker



Features and benefits

Programs to run VMRD assays
Intuitive User Interface
Space Saving Design
192 Sample Capacity
High Precision Syringes
Exterior Status Indicator Light
LIS Connectivity
Low Consumable Costs (no disposable tips)

Validated to run

- ✓ *Anaplasma v2*
- ✓ *Babesia caballi*
- ✓ BLV
- ✓ BTV v2
- ✓ EIA v2
- ✓ Johne's
- ✓ Johne's - Goat Serum
- ✓ *Neospora caninum*
- ✓ SRLV v2
- ✓ *Theileria equi*



UNIQUE
FEATURES

System Architecture	Open, fully customizable
High-Precision Micro-Syringe	Aspirate 1 µl - 400 µl with ≤ 3% CV
On-board Reader(s)	Spectrophotometer with 5 filters, Linear range 0 to 3.0 OD
Forced Convection Incubator	Evenly heats to eliminate "Edge Effect"
Orbital MTP Shaker	Precise adherence to assay protocols/No-spill design
Small Footprint	Fits on a 60 cm deep standard laboratory bench

TECHNICAL
SPECS

Sample Capacity	192 patient sample positions
Reagent Positions	14 custom reagent positions (22-42 mm diameter bottles accepted)
Test Tubes	Accepts standard 12 to 16 mm diameter tubes, up to 100 mm tall (custom racks available)
MTP Positions	1 position
Pre-dilution MTP Positions	1 position
Well Tracking	Independent well tracking and timing
Wash Bottles	2 x 1L external wash bottle positions
Probe/Needle	Single probe, dual needle
Dispense Volume	25 µl to 300 µl
Aspiration Volume	1 µl - 400 µl with ≤ 3%C
Incubation Temperature	Room temperature to 40°C
Spectrophotometer	405, 450 ,490, 550 and 630 nm wavelengths standard (custom available), 0 to 3.0 OD
Chemiluminescence Photomultiplier Tube (PMT)*	Detection type: glow chemiluminescence, Spectral range: 300-500 nm, Dark count: 50 counts per second (standard), Measuring time: 200 ms (adjustable 1 to 1000 ms), Dynamic range: 6 decades (*optional configuration)
Shaker Speed	Up to 900 RPM
Power Supply	100-265V
Dimensions	W: 64 cm, D: 57 cm, H: 45 cm (W: 25.2 in, D: 22.5 in, H: 17.7 in)
Weight	30 kg (65 lbs.)
CE Marked	Yes

SOFTWARE
SPECS

Language	Multi-language support
Calculations	Point-to-point, linear regression, cubic spline, 4PL, 5 PL, Lin-Lin, Lin-Log, Log-Log representation
Architecture	Fully customizable
Protocol Design	Fully open and configurable test designer; custom reports
LIS Integration	Bidirectional, RS232, USB, TCP/IP
User Interface	MS Windows Graphical User Interface (Windows 7 or above)