

Focused Product List

Mat Code	Material Description	Material Type	Pack size
HV3ELI-01	HIV 1 + 2	MeriLisa - Infectious	96 tests
HV4ELI-02	HIV 4th Gen	MeriLisa - Infectious	96 tests
HPBELI-01	HEPATITIS B	MeriLisa - Infectious	96 tests
HPCELI-01	HEPATITIS C	MeriLisa - Infectious	96 tests
FTTELI-01	FT3	MeriLisa-Thyroid Hormones	96 tests
FFFELI-01	FT4	MeriLisa-Thyroid Hormones	96 tests
ITTELI-01	T3	MeriLisa-Thyroid Hormones	96 tests
ITFELI-01	T4	MeriLisa-Thyroid Hormones	96 tests
TSIELI-01	TSH	MeriLisa-Thyroid Hormones	96 tests
LHEELI-01	LH	MeriLisa-Endocrinology	96 tests
FSNELI-01	FSH	MeriLisa-Endocrinology	96 tests
PRLELI-01	Prolactin	MeriLisa-Endocrinology	96 tests
FTSELI-01	Free Testosterone	MeriLisa-Endocrinology	96 tests
TIEELI-01	Total IgE	MeriLisa-Endocrinology	96 tests
UMHEL-01	Ultra-Sensitive AMH	MeriLisa-Endocrinology	96 tests
VTDELI-01	Vitamin D	Metabolism	96 tests
DGGELI-01	Dengue ELISA IgG	MeriLisa - Infectious	96 tests
DGMELI-01	Dengue ELISA IgM	MeriLisa - Infectious	96 tests
DNSELI-01 / 02	Dengue NS1 Ag	MeriLisa - Infectious	48/96 Wells

Vircell Reagents

Mat Code	Material Description	Material Type	Pack size
SORELI-01	Elisa Sorbent (2x1.2 MI)	For Elisa tests	25 tests
MPMELI-01	Mycoplasma Pneumoniae Elisa IgM	Infectious immunology	96 tests
PNBIFA-01	Pneumobact	Indirect Immunofluorescence Assay	20 tests
RCCELI-01	Rickettsia Conorii Elisa IgG/IgM	Indirect Immunofluorescence Assay	100 tests
CBCIFA-01	Coxiella Burnetii I+II IFA IgG/IgM/IgA	Indirect Immunofluorescence Assay	92 tests
CAPBRU-01	Brucellacapt	Agglutination	100 tests
DILBRU-01	Serum Diluent For Brucellacapt	Agglutination	24 t. in titration/ 96 t. in screening
RBBRU-01	Rose Bengal	Agglutination	500 ml
MONRPD-01	Virapid Mono M&G	Immunochromatographic tests for detection of 4 main serological markers for the EBV infectious mononucleosis	125 tests

* Please contact us for more Elisa Parameters

Detection Principle	Absorbance
Assay Modes	Quantitative, Semi Quantitative and Qualitative
Microplate Types	96 wells
Measuring System	8 Channels fibre optics optical system
Reading Speed	Monochromatic - 8 sec for 96 wells Bichromatic - 18 sec for 96 wells
Light Source	12V 20W halogen lamp
Wavelength	405, 450, 492, 630 nm with 3 optional filter positions (Provision to enter filters values through software)
Display	320 x 240 pixel STN-Blue monochrome LCD with LED backlight
Keypad	Touch screen
Reading Range	0.000 to 4.000 O.D
Repeatability	CV < 3%
Stability	Drift ± 0.003 O.D for 1 hour
Linearity	0.000 to 3.000 O.D for 492nm/ 0.000 to 2.400 O.D for 405nm
Shaking	3 options (Low, Medium & High) Shaking time adjustable from 0 to 1800 sec
Data Connectivity	RS 232, External USB printer
Power Supply	100-240VAC, 50/60Hz (65W max)
Operating Environment	5°C to 40°C
Dimensions	400 mm(W) x 525 mm(L) x 185 mm(H)
Weight	Approx 14 kg

Technical Specifications

Merilyzer | EIAQuant™



www.merillife.com

Meril

Diagnostics

Merilyzer | EIAQuant™ | Merilyzer | EIAWash™

ELISA

Microplate Reader / Washer

Technical Specifications

Merilyzer | EIAWash™



Programmable Tests	100
Microwell Types	Flat, U and Round bottom
Washing Manifold	8 and 12 Channels
Display	192 x 64 pixel STN-Blue monochrome LCD with LED backlight
Programmable Wash Cycle	0 to 255
Washing System	1 wash buffer bottle, 1 Rinse water bottle, 1 pressure bottle and 1 waste liquid bottle with liquid level sensor
Shake Rate	1 to 5 levels
Shake Time	0 to 255 sec
Soak Time	Minimum 0 sec to maximum upto 60 min and 60 sec
Residual Volume	< 2 µl
Washing Accuracy	< ± 3% at 300 µl
Wash Liquid Volume Range	50-400 µl (with increment of 50 µl)
Relative Humidity	< 95%
Power Supply	100-240VAC, 50/60Hz (55W max)
Operating Environment	5°C to 40°C
Dimensions	390 mm (W) × 410 mm (L) × 330 mm (H)
Weight	Approx 11.5 Kg

Toll free No. 1800 266 3745

EQ/Bro/20190624/V1.02/IND



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Precision Meets Excellence

Semi Automated ELISA Plate Reader

EIAQuant is a Semi Automated ELISA Plate Reader that uses high quality optical system and sophisticated embedded computer control technology which enables the user reliable measurement and data analysis with minimum maintenance

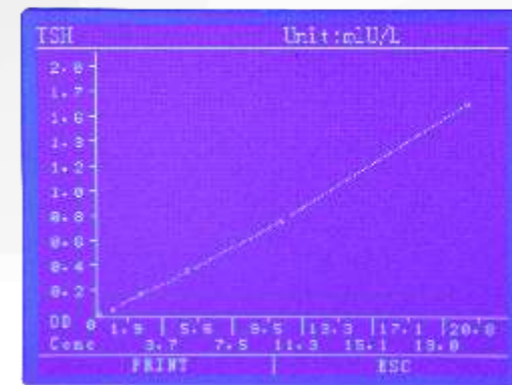


- Wide Test Menu
- Touch Screen Display
- Built in printer
- Intuitive Software
- Direct Sample reports

Optical System and Measurement

- 8 Channels Fiber optic optical system
- Standard Filters installed (405 nm, 450nm, 492 nm, 630 nm)
- Band width 400 -700 nm
- High Dynamic Range 0 – 4 OD
- Monochromatic and Biochromatic Reading for accuracy
- Reading Speed : 6.5 seconds at Single Wavelength
16 seconds at Dual Wavelength

Well	Gain	Gain Ref.	Dark Read
A	2	53300-63000	0
B	2	53300-63000	0
C	2	53300-63000	0
D	2	53300-63000	0
E	2	53300-63000	0
F	2	53300-63000	0
G	2	53300-63000	0
H	2	53300-63000	0



Result Calculation Modes

- Absorbance Mode, Qualitative, Semi-qualitative and Quantitative mode
- Reverse cut off mode
- Multi standard mode with option up to 10 Standards
- Curve types : Multi Point, Conc. Log, Log – Log, Linear, OD Log
- Grey Zone for Qualitative analysis
- Abnormal result flagging

ELISA plate Washer

EIAWash is the perfect choice for 96 well plates with the flexibility of 8 channels or 12 channels manifolds washing options, programmed aspiration and dispensing that employs a reliable, simple and innovative design simplifying its maintenance.



Easy to use

- An interactive LCD touch Screen
- Display with Color Graphics
- Alpha numeric Sample ID input option with Auto-incremental option
- Self Diagnostics
- Copy Test function
- Rerun Option



Storage

- 50 different Test Parameters onboard storage
- Up to 150 Plate or 14000 Sample results can be stored
- 3 Curves Per Parameter can be stored



Elisa Reagent



QC	Date	Result	Flag	Y	Date
1	08/06/18	11:20:51			
2	08/06/18	11:20:51			
3	08/06/18	11:20:51			
4	08/06/18	11:20:51			

Quality Control

- Inbuilt Quality control for up to 4 levels Control sera
- Display and Printing Levey – Jennings graph
- Westgard rules

Accuracy and Reliability

- Compatible with U, V & flat bottom wells
- Minimal Residual volume (< 2 µl)
- Multi Point Aspiration
- 8 Channel, 12 channel and single channel Manifold
- Variable shake time and speed
- Liquid level Sensor for Wash Bottles

Programming Flexibility

- Multistep combination of aspiration/dispense/soak
- Dispensing volume 50 ul - 400 ul
- Wash cycles - 1-255