

Focused Product



Mat Code	Material Description	Material Type	Pack size
HV3ELI-01	HIV 1 + 2 Gen 3	MeriLisa - Infectious	96 tests
HV3ELI-04	HIV 1 + 2 Gen 3	MeriLisa - Infectious	192 tests
HV3ELI-05	HIV 1 + 2 Gen 3	MeriLisa - Infectious	480 tests
HV4ELI-05	HIV 4th Gen	MeriLisa - Infectious	96 tests
HV4ELI-08	HIV 4th Gen	MeriLisa - Infectious	192 tests
HV4ELI-09	HIV 4th Gen	MeriLisa - Infectious	480 tests
HPBELI-03	HEPATITIS B	MeriLisa - Infectious	96 tests
HPBELI-06	HEPATITIS B	MeriLisa - Infectious	192 tests
HPBELI-07	HEPATITIS B	MeriLisa - Infectious	480 tests
HPCELI-01	HEPATITIS C	MeriLisa - Infectious	96 tests
HPCELI-04	HEPATITIS C	MeriLisa - Infectious	192 tests
HPCELI-05	HEPATITIS C	MeriLisa - Infectious	480 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
DEGELI-02	Dengue ELISA IgG	MeriLisa - Infectious	96 tests
DEMELI-02	Dengue ELISA IgM	MeriLisa - Infectious	96 tests
DNSELI-01 / 02	Dengue NS1 Ag	MeriLisa - Infectious	48/96 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 - 9 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 port
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
Language Supported	Multilanguage
Operating Temperature	10 - 35°C
Relative Humidity	10 - 90 % RH

Technical Specifications

Merilyzer | EIAWash®



Meril Diagnostics Pvt. Ltd.

EC REP

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Merilyzer | EIAQuant®



Programmable Tests	100
Microwell Types	Flat, V and Round bottom
Washing Manifold	1, 8 and 12 Channels
Display	192 x 64 pixel STN-Blue monochrome LCD with LED backlight
Programmable Wash Cycle	0 to 255
Washing System	2 wash 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
Operating Temperature	10 - 35°C
Relative Humidity	10 - 90 % RH



Meril

Diagnostics



Merilyzer | EIAQuant® | Merilyzer | EIAWash®

ELISA
Microplate Reader / Washer

Unrevealed precision, Unmatched Quality

www.merillife.com

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

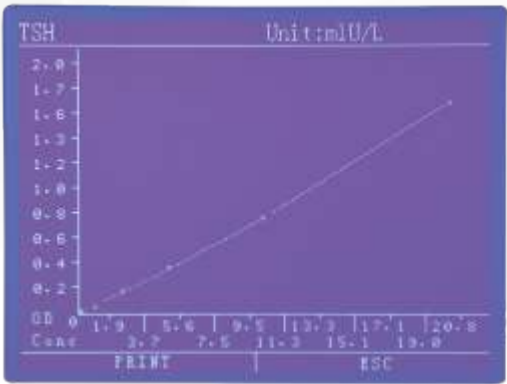
- Wide Test Menu
- Touch Screen Display
- Built in printer
- User Friendly Software
- Direct Sample reports



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 : 9 seconds at Single Wavelength
18 seconds at Dual Wavelength

Gain Check 08/06/13 11:03:06			
Filter: (495) (450) (630) (492) (630) (630)			
Well	Gains	Gains Ref.	Dark Read
A	0	52000-63000	0
B	0	52000-63000	0
C	0	52000-63000	0
D	0	52000-63000	0
E	0	52000-63000	0
F	0	52000-63000	0
G	0	52000-63000	0
H	0	52000-63000	0
Gain Check		Print	Escape



Result Calculation Modes

- Absorbance Mode, Quantitative, Semi Quantitative and Qualitative 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

Quantitative, Semi Quantitative and Qualitative



Easy to use

- An interactive LCD touch Screen
- Display with touch screen
- 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



Application Software

- Efficiency Unleashed: Powering your tasks with Precision through computer application software.

ELISA plate Washer

EIAWash is the perfect choice for 96 well plates with the flexibilty of 1 channel, 8 channels & 12 channels manifolds washing options, programmed aspiration & dispensing that employs a reliable, simple & innovative design simplifying its maintenance.

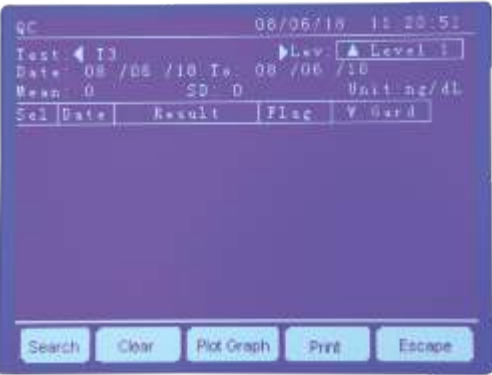


Easy to use

- An interactive LCD touch Screen
- Display with touch screen
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- Self Diagnostics
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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
- 1 Channel, 8 Channel & 12 Channel Manifold
- Variable shake time and speed
- Liquid level Sensor for Waste Bottles

Programming Flexibility

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