

Mat Code	Material Description	Material Type	Pack size
HV3ELI-01	HIV 1 + 2 (3 rd Gen)	MeriLisa - Infectious	96 Wells
HV4ELI-02	HIV 4th Gen	MeriLisa - Infectious	96 Wells
HPBELI-01	Hepatitis B	MeriLisa - Infectious	96 Wells
HPCELI-01	Hepatitis C	MeriLisa - Infectious	96 Wells
DGGELI-01	Dengue ELISA IgG	MeriLisa - Infectious	96 Wells
DGMELI-01	Dengue ELISA IgM	MeriLisa - Infectious	96 Wells
DNSELI-01 / 02	Dengue NS1 Ag	MeriLisa - Infectious	48/96 Wells
DSDALI-01	ANTI - dsDNA IgG	MeriLisa - Rheumatology	96 Wells
SSAALI-01	ANTI - SS - A	MeriLisa - Rheumatology	96 Wells
SSBELI-01	ANTI - SS - B	MeriLisa - Rheumatology	96 Wells
ENALI-01	ANTI - ENA SCREEN	MeriLisa - Rheumatology	96 Wells
ANAALI-01	ANTI - ANA SCREEN	MeriLisa - Rheumatology	96 Wells
CCPELI-01	ANTI - CCP	MeriLisa - Rheumatology	96 Wells
TGAALI-01	ANTI - Tissue Transglutaminase IgA	MeriLisa - Gastroenterology	96 Wells
TGGALI-01	ANTI - Tissue Transglutaminase IgG	MeriLisa - Gastroenterology	96 Wells
ACGALI-01	ANTI - Cardiolipin IgG	MeriLisa - Thrombosis	96 Wells
ACMELI-01	ANTI - Cardiolipin IgM	MeriLisa - Thrombosis	96 Wells
ACSELI-01	ANTI - Cardiolipin SCREEN	MeriLisa - Thrombosis	96 Wells
APLELI-01	ANTI - Phospholipid SCREEN	MeriLisa - Thrombosis	96 Wells
APALI-01	ANTI - PR3 - ANCA	MeriLisa - Vasculitis	96 Wells
AMALI-01	ANTI MPO (p - ANCA)	MeriLisa - Vasculitis	96 Wells
AGDALI-01	ANTI - GAD	MeriLisa - Diabetes Monitoring	96 Wells
INSELI-01	Insulin	MeriLisa - Diabetes Monitoring	96 Wells
CPTALI-01	C - Peptide	MeriLisa - Diabetes Monitoring	96 Wells
ATGALI-01	ANTI - TG (Thyroglobulin)	MeriLisa - Thyroid Hormones	96 Wells
ATPELI-01	ANTI - TPO (Thyroperoxidase antibody)	MeriLisa - Thyroid Hormones	96 Wells
FTTELI-01	Free T3	MeriLisa - Thyroid Hormones	96 Wells
FFFALI-01	Free T4	MeriLisa - Thyroid Hormones	96 Wells
ITTELI-01	Total T3	MeriLisa - Thyroid Hormones	96 Wells
ITFALI-01	Total T4	MeriLisa - Thyroid Hormones	96 Wells
TSIALI-01	Thyroid Stimulating Hormone (TSH)	MeriLisa - Thyroid Hormones	96 Wells
COSELI-01	Cortisol	MeriLisa - Endocrinology	96 Wells
TSTALI-01	Testosterone	MeriLisa - Endocrinology	96 Wells
ESTALI-01	Estradiol	MeriLisa - Endocrinology	96 Wells
HPSELI-01	17OH - Progesterone	MeriLisa - Endocrinology	96 Wells
DHSELI-01	DHEA - S	MeriLisa - Endocrinology	96 Wells
PSTALI-01	Progesterone	MeriLisa - Endocrinology	96 Wells
FESELI-01	Free Estriol	MeriLisa - Endocrinology	96 Wells
ASTEALI-01	Androstenedione	MeriLisa - Endocrinology	96 Wells
LHEALI-01	LH	MeriLisa - Endocrinology	96 Wells
FSNEALI-01	FSH	MeriLisa - Endocrinology	96 Wells
PRLEALI-01	Prolactin	MeriLisa - Endocrinology	96 Wells
BHCEALI-01	β-HCG	MeriLisa - Endocrinology	96 Wells
FTSEALI-01	Free Testosterone	MeriLisa - Endocrinology	96 Wells
TIEALI-01	Total IgE	MeriLisa - Endocrinology	96 Wells
FRTEALI-01	Ferritin	MeriLisa - Endocrinology	96 Wells
UMHEALI-01	Ultra-Sensitive AMH	MeriLisa - Endocrinology	96 Wells
OVAALI-01	CA125	MeriLisa - Oncology	96 Wells
BRSEALI-01	CA 15-3	MeriLisa - Oncology	96 Wells
PNCEALI-01	CA 19-9	MeriLisa - Oncology	96 Wells
GICEALI-01	CA 242	MeriLisa - Oncology	96 Wells
SCCEALI-01	SCC	MeriLisa - Oncology	96 Wells
PSAALI-01	PSA	MeriLisa - Oncology	96 Wells
FPSEALI-01	Free PSA	MeriLisa - Oncology	96 Wells
NSEALI-01	NSE	MeriLisa - Oncology	96 Wells
HEPEALI-01	HE 4	MeriLisa - Oncology	96 Wells
CYFALI-01	CYFRA 21 -1	MeriLisa - Oncology	96 Wells
AFPEALI-01	AFP	MeriLisa - Oncology	96 Wells
CEALI-01	CEA	MeriLisa - Oncology	96 Wells

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



Technical Specifications

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/20181113/V1.01/IND



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ELISA

Microplate Reader / Washer

Semi Automated ELISA Plate Reader

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



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	OD405	OD492	Blank Read
A	0.000	0.000	0
B	0.000	0.000	0
C	0.000	0.000	0
D	0.000	0.000	0
E	0.000	0.000	0
F	0.000	0.000	0
G	0.000	0.000	0
H	0.000	0.000	0

Result Calculation Modes

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

QC	Mean	SD	Level
1	0.000	0.000	1
2	0.000	0.000	2
3	0.000	0.000	3
4	0.000	0.000	4

Other Features

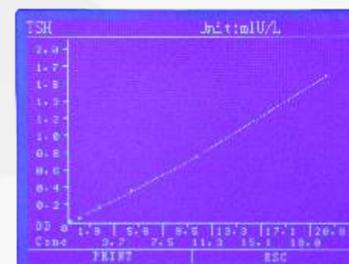
- Inbuilt thermal printer
- Print Sample report including patient demographics through PC software



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

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



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 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.



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