



LEPU MEDICAL

Fully automated ELISA workstation

ELISA 200

Product feature

- ◆ Fully featured ELISA processing solution
- ◆ Assay processing & sample preparation
- ◆ High speed and throughput
- ◆ Convincing performance
- ◆ Space saving
- ◆ Cost-effective



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Specifications

Model	ADC ELISA 200		
Design	Benchtop		
Liquid handling system	Pipetting by air displacement, disposable tips		
Number of channels	2		
Specification of tips	300µl, 800µl tips		
Pipetting range increment	Range: 1 to 1000 µl Increment: 0.1µl		
Pipetting precision and accuracy	Type of tip @ Volume Accuracy Precision (CV%) 300µl 100µl ±1.0% <0.75% 800µl 100µl ±1.0% <0.75%		
Liquid handling speed	600sec pipetting 100µl into 96-wells (incl. tip exchange) 85 sec dispensing 100µl into 96 wells (no tip exchange)		
Liquid handling functions	Pipetting, dispensing, dilution, conjugation, aliquoting, multiple- and diversified dispensing		
Liquid level monitoring	Liquid level monitoring, clot monitoring and empty tube monitoring		
Samples Controls Reagents			
Total Rails	12		
Sample/Control Positions	6 x 24=144		
Reagent Positions	6 x 4=24		
Plate positions-Incubator	5		
Temperature range	Room temperature to 60°C, 0.1°C increment		
Accuracy	±0.5°C @ 37°C		
Washing channels	1 x 16 8-wells (optional)		
Selectable wash buffers	3		
Wash volume	50 to 1000µl per well		
Residual volume	≤2µl per well		
Washing modes	Dispense - aspirate, overflow washing, crosswise aspiration with selectable injection height, soak time and final aspiration		
Measurement module	Photometric microplate reader module		
Measurement system	detector: silicon photo diodes light source: quartz-halogen lamp		
Wavelength range	340 - 850nm		
Filter configuration	405, 450, 492, 620nm + 4 positions for optional filters		
Measurement range increment	0.000 - 6.000A 0.001A		
Measurement modes	Single- and dual wavelength measurement		
Accuracy	± 1% (0.0 to 3.0A) or ±0.003A whichever is greater		
Precision	CV ≤0.2% (0.3 to 3A)		
Barcode scanner	Manual (option)		
Software	Windows® based control software ADCstation preconfigured to the individual system configuration		
Power	Consumption: 500-700W, Voltage: 220V, Frequency: 50-60Hz (standard configuration)		
Interface	CAN-bus (USB to CAN-bus adaptor included) RS232 for barcode scanner (can be operated with a USB to RS232 converter)		
Environmental Conditions	Operating temperature: 18 - 25°C, Humidity: 30 - 60% non condensing Storage temperature: 10 - 30°C, Humidity: 15 - 70% non condensing		
Dimensions WxDxH mm	1270 x 785 x 1000		
Weight kg	180		

Diagnostic Kits:

2019-nCoV Neutralizing antibody test kit:

2019-nCoV Neutralizing Antibody			2019-nCoV Neutralization Antibody Test Kit (ELISA)		
TORCH			HBV-pre S2		
TOX-IgG	96T/48T	Toxoplasma gondii IgG antibody detection diagnostic kits(ELISA)	HBV-pre S2	96T/48T	Hepatitis B virus pres2 antigen diagnostic kits(ELISA)
TOX-IgM	96T/48T	Toxoplasma gondii IgM antibody detection diagnostic kits(ELISA)	B19		
RV-IgG	96T/48T	Rubella Virus LgG Antibody detection diagnostic kits(ELISA)	B19-IgG	96T/48T	Human parvovirus B19 IgG antibody detection diagnostic kits(ELISA)
RV-IgM	96T/48T	Rubella Virus LgM Antibody detection diagnostic kits(ELISA)	B19-IgM	96T/48T	Human parvovirus B19 IgM antibody detection diagnostic kits(ELISA)
CMV-IgG	96T/48T	Human cytomegalovirus IgG antibody detection diagnostic kits(ELISA)	HVE		
CMV-IgM	96T/48T	Human cytomegalovirus IgM antibody detection diagnostic kits(ELISA)	HVE-IgG	96T/48T	Hepatitis E virus IgG antibody detection diagnostic kits(ELISA)
HSV-I-IgG	96T/48T	Herpes simplex virus type I IgG antibody detection diagnostic kits(ELISA)	HVE-IgM	96T/48T	Hepatitis E virus IgM antibody detection diagnostic kits(ELISA)
HSV-I-IgM	96T/48T	Herpes simplex virus type I IgM antibody detection diagnostic kits(ELISA)			
HSV-II-IgG	96T/48T	Herpes simplex virus type I IgG antibody detection diagnostic kits(ELISA)			
HSV-II-IgM	96T/48T	Herpes simplex virus type I IgM antibody detection diagnostic kits(ELISA)			