

RT-6900

Microplate Reader



Features

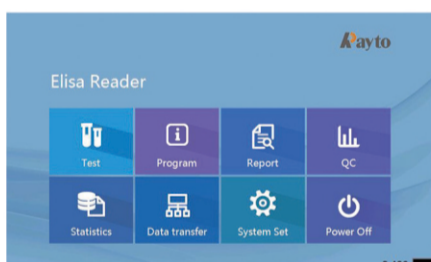
- 7" color LCD touch screen with built-in printer
- 8-channel optical fiber system, 5 seconds' reading for whole plate
- Support single/dual wavelength measurement
- Plate shaking function, speed and frequency adjustable
- Up to 100 programs and 10,000 sample results storage
- Multi-assay enables up to 12 different assays in one plate
- Auto self-check when power on
- Random positive and negative control setting
- Save data automatically in case of power outage
- Lamp saving function



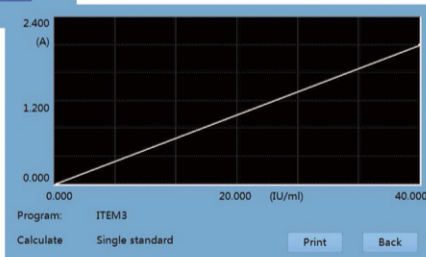
RT-6900

Microplate Reader

Main Menu



Calibration



Main Menu

Sample	BK	NC	PC	CR	Std	QC	Clear	PS
A	0001	0002	0003	0004	0005	0006	0007	0008
B	0013	0014	0015	0016	0017	0018	0019	0020
C	0025	0026	0027	0028	0029	0030	0031	0032
D	0037	0038	0039	0040	0041	0042	0043	0044
E	0049	0050	0051	0052	0053	0054	0055	0056
F	0061	0062	0063	0064	0065	0066	0067	0068
G	0073	0074	0075	0076	0077	0078	0079	0080
H	0085	0086	0087	0088	0089	0090	0091	0092

Programming

Program Name: HbCAb
 Full Name: _____
 Reagent Name: _____
 First wavelength: 450 Second: 630
 Test Mode: End Point Method
 Calc Mode: Cut-Off
 Double Sample Blank: 0.050

Report

Name: Susan Sex: Female Age: 25 Dept: xxx
 Date: 20/10/2003 Sample: 05 Bed No: 006 Sender: xxx

Program	Full name	Result	Unit	Diagnosis	Reference range
HIV		0.163	s/co-	Neg-	(0.000-1.000)
HbsAg		0.283	s/co-	Neg-	(0.000-1.000)
HbsAb		0.634	s/co-	Neg-	(0.000-1.000)
T3		3.374			

Operator: _____ Checker: _____

Technical Specifications

Absorbance Range	0-4.000Abs
Resolution	0.001Abs(displayed), 0.0001Abs(calculated)
Light Source	Halogen lamp 6V/19W
Optical System	8-channel optical fiber system
Wavelengths	4 standard filters: 405nm, 450nm, 492nm, 630nm, 3 more filters optional
Wavelength Accuracy	±2nm
Band Width	8±2nm
Calculation Method	ABS, Cut-off, Multi-percent, Percent log, Linear, Exponential, Index, 4PL Regression, etc.
Methodologies	End-point, Fixed-time, Kinetic
Type of Microplate	Standard with 96-well or other kind of microplate and strip
Reading Speed	5 seconds for 96-well plate(single wavelength)
Shaking Plate	Shaking time and speed adjustable
Memory	Up to 100 programs and 10,000 sample results storage
Printer	Internal thermal printer, external printer optional
Interface	USB port, LAN, SD card slot, RS-232
Power Supply	AC100-240V, 50Hz/60Hz
Dimension(mm)	425(L)×310(W)×215(H)
Weight	12kg

Patient data setting

Input patient information
 Date: 2006-01-01 Sample: 0010
 Name: _____ Age: _____
 Sex: male fem Unk
 Dept: _____ Bed No: _____
 Operator: _____
 Sender: _____
 Clinic NO: _____

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