BioLAB

PRODUCT CATALOG

REAL-TIME THERMAL CYCLER BFN1C1

CE ISO9001 CERTIFIED

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REAL-TIME THERMAL CYCLER BFN1C1

FULLY AUTOMATED PCR ANALYSIS SYSTEM

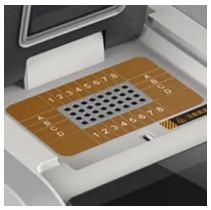
Tablet operation allows real-time viewing of experimental progress and results in the distance
Ultra-high brightness monochrome LED light source, high-sensitivity cold light source CCD.
Equipped with A8 processor, the machine runs more smoothly and the experience is better
Intuitive and clear operation interface, English languages available
Multiple analysis modes
Real-time parameter setting when program is running
Convenient connection with PC via WIFI or LAN
Support outdoor work when connected with mobile power

SPECIFICATIONS

Model	BFN1C1
Fluorescence acquisition channels	2
Sample holder specifications	32 wells x 0.2 ml
Fluorescence acquisition method	32-well synchronous acquisition
Light source	Super bright single color LED light source
Fluorescence detector	High-resolution deep thermoelectric cooling scientific-grade CCD
Detection dynamic range	10^0-10^{10}
Reaction volume	10-100ul
Fluorescence excitation wavelength	Channel 1: 470Channel 2: 525
Fluorescence detection wavelength	Channel 1: 520Channel 2: 570
Temperature control range	0°C~100°C
Maximum heating rate	8°C/s
Maximum cooling rate	3°C/s
Average heating rate	≥3°C/s (55°C~95°C)
Average cooling rate	≥2°C/s (95°C~55°C)
Temperature uniformity	±0.15°C (95°C constant for 10s)
Temperature accuracy	±0.1°C
Sample temperature range	Room temperature ~ 110°C
Temperature increasing/decreasing	0.1~10.0°C
Time increasing/decreasing	Support
Heating rate adjustable range	0.1~5°C/s
Power failure protection	Support
Nested loops	Support
Experimental data recovery	Support
Modify parameters during operation	Support
Analysis mode	Relative quantification, absolute quantification, endpoint quantification, melting curve analysis, gene scanning analysis, allelic analysis, etc.
Alt Name	Fully Automated PCR Analysis System

FEATURES

Tablet operation allows real-time viewing of experimental progress and results in the distance



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