

Real-Time PCR-LineGene 9600

■ DESCRIPCIÓN

Line-Gene 9600 is product of Bioer's Real-Time PCR detection system family. Based on Line-Gene 9600's large sample capacity, wide temperature range and multi-channels, Line-Gene 9600 provides brand-new & humanized running and operation interface for better operating experience.

Line-Gene 9600 adopts Ferrotec specially-made Peltier, advanced fiber optic technology, new global wide-range power supply, the unique patented block dissipation technology and bottom detection mode, which provides better heating/cooling rate, temperature accuracy, uniformity and stability. Line-Gene 9600 has up to 96 sample capacity and fast speed of dualcolor scanning, and the design of 4 channel detection also covers the whole fluorescence detection wavelength.

Newly-designed automatic hot-lid without manual operation ensures constant pressure for various tube heights. This auto hot-lid mode could be easily integrated into various automatic systems.

Newly-improved Line-Gene 9600 Real-Time PCR detection system can satisfy various clients' requirement either for research or clinical use.

FLUORESCENCE CHANNELS LIST

- F1: FAM, SYBR Green
- F2: VIC, HEX, TET, JOE, CY3, TAMRA
- F3: ROX, TEXAS RED
- F4: CY5, Quasar-670

SOFTWARE FEATURES

- Absolute Quantification
- Relative Quantification
- SNP Analysis
- Data Automatic Analysis
- Melting Curve Genotyping
- Gradient
- HRM Multi-channel
- Crosstalk Correction
- Background Correction
- Automatic Gain
- Customized Parameters



■ NÚMERO DE CATEGORÍA

BYQ6094E 230VAC 50/60Hz Euro plug

ESPECIFICACIONES

Capacidad de la muestra	una probeta de 0,2 mL, microprancheta 96 × 0,2 (0,1) mL, probetas de 8 bandas (todas con tapa transparente)
Banda dinámica	1~10^10 copias
Longitud de onda de excitación	300-800 nm
Longitud de onda de radiación	500-800 nm
Canales	4
Intervalo de ajuste de temperatura	4 ~105°C (paso: 0.1°C)
Velocidad de calentamiento / enfriamiento	4.0 °C/s
Precisión de temperatura	≤±0.1°C
Oscilaciones de la temperatura	≤±0.1°C
Uniformidad de temperatura	≤±0.3°C
Modo de control de la temperatura	Gradiente de unidades / de 6 zonas
Volumen de muestra	5 ~ 100 µl
Banda del gradiente	1 ~ 36°C
Banda de la temperatura para la tapa	30 ~110°C (valor regulado por defecto: 105°C, Tapa de calentamiento automática)
Repetibilidad	5%
Modo de escaneamiento	Toda la terraja a la vez
Programa	Como máximo 20 segmentos para cada programa, máx. 99 ciclos
Funcionamiento continuo	+
Tiempo de escaneamiento	5.5 s
Sistema operacional	Windows 7/8/10/11
Software necesario	Microsoft Excel
Tensión nominal	100-240V; ~50/60Hz
Consumo eléctrico	600W
Dimensiones (An. x Prof. x Al.)	386×410×352 mm
Número de tomas	adaptador USB, adaptador Bluetooth
Certificación	Ferrotec pelitier / CE / Met / RoHS2 / PICC product quality liability insurance