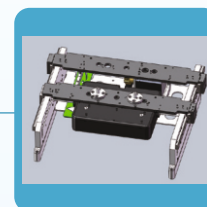


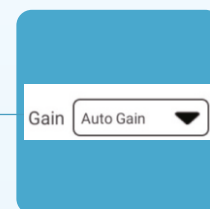
Real-time Fluorescent Quantitative PCR



Industrial-grade customized semiconductor coolers+ Intelligent PID temp. control system=Rapid temp. change+precision temp. Control



Electric automatic hot lid, automatic pressing

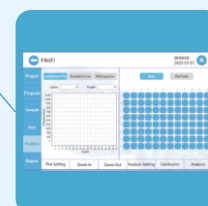


Automatic gain, the system intelligently selects the best gain



High performance LED+ high-sensitivity PMT+all fiber photoelectric module= extremely fast fluorescence scanning +top signal stability

BR-QPCR-96



Large Android touch screen, tailored Android analysis software, two touches to start experiment fastest, can also be connected to the computer, keyboard and mouse, control at will

BR BIOCHEM LIFE SCIENCES PVT. LTD.

06, S.F. Gopal Nagar , Fateh Nagar, New Delhi-110018 ,India

Ph: +91 11 43033662/4, +91 8860082777

EMAIL: info@brbls.com | www.brbls.com

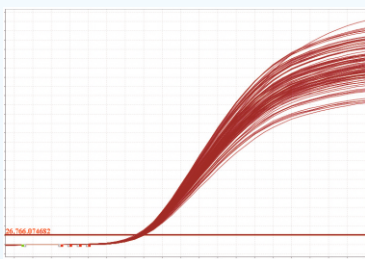


We are available on





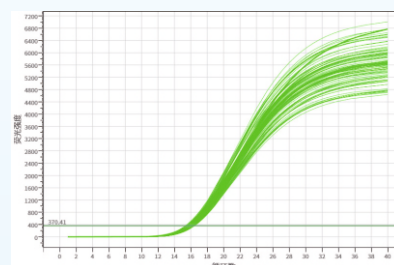
Prepare 5 μ L reaction system to amplify on BR-QPCR-96 and one international famous brand qPCR instrument respectively, and compare the amplification effect and reagent evaporation.



Amplification curve of one famous brand PCR instrument



5 μ L reaction system of one famous brand PCR instrument

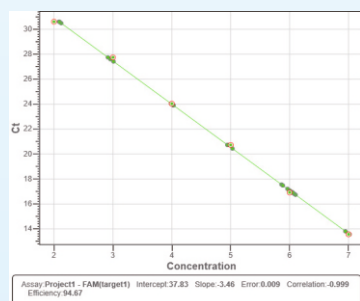


Amplification curve of instrument

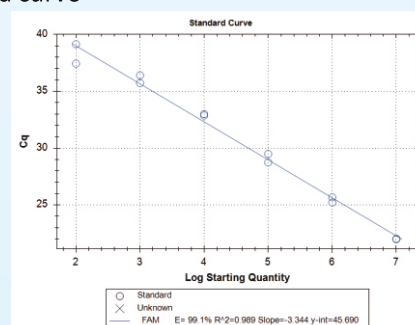


5 μ L reaction system of instrument

Prepare 6 kinds of gradient reaction system (concentration: 101~106) to amplify on and one international famous brand PCR instrument respectively, compare standard curve



Standard curve of PCR instrument



Standard curve of one famous brand PCR instrument

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TECHNICAL PARAMETERS

Model	BR-QPCR-96	ROX calibration	No need
Sample quantity	96 well × 0.2ml (Optional 96 well × 0.1ml)	Temp. control method	Thermoelectronic
Consumable type	0.2 mL 96 well plate (Half-skirted, Non-skirted), 8-strips tubes, Single tube (the bottom should be transparent)	Ramp rate (max)	6°C/s
Reaction volume	5-100 µL	Temp. accuracy	±0.1°C
Dynamic range	1-10 ⁸ copies	Temp. uniformity	≤ ±0.2°C (55°C)
Sample repeatability	CV < 1%	Temp. range of hot lid	RT. +5°C-110°C
Sample linear	r ≥ 0.999	Temp. gradient range	0.1-36°C
Automatic hot lid	The hot lid can be controlled by touch button to automatically press the tube	Time increase/decrease	0.1~9min59s, long PCR is available
Fluorescence channel	5	Temp. Increase/decrease	0.1~9.9°C, touchdown PCR is available
Fluorescence dyes	F1: FAM, SYBR Green I; F2: VIC, HEX, TET, JOE, TAMRA, CY3, NED; F3: ROX/TexRed; F4: CY5; F5: CY5.5; F6: Optional	Software function	Support absolute quantitative, relative quantitative, melting curve, HRM, SNP and other functions
		Operation method	10.1 inch colourful Android touch screen, simple and convenient and Windows system computer can also connect to it
		Safety protection and alarm	Over heat protection and alarm for block and hot lid
Excitation light source	High brightness and long life LED excitation light source	Data export	Excel, TXT
Detector	PMT	Software language	English
Excitation wavelength	Channel1: 470nm Channel2: 523nm Channel3: 571nm Channel4: 628nm Channel5: 678nm	Voltage range	100-240V
		Interface mode	USB2.0/HDMI
Detection wavelength	Channel1: 525nm Channel2: 564nm Channel3: 612nm Channel4: 692nm Channel5: 718nm	Power(max)	1000W
		Dimension(D×W×H)	473×335×330mm
Single channel scanning time	1.5s	Net weight (kg)	26

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