



**Bioer
Technology**

Real-Time PCR Detection System

LineGene Mini S

NEW



Advanced scanning technology
with excellent SNR



Cutting-edge detection technology
and most stable signal



Automatic gain function, accurate
and reliable data



Exquisite and compact exterior with
strong and durable structure



Touch operation interface, easy to
operate



Complete function configuration and
stable equipment performance

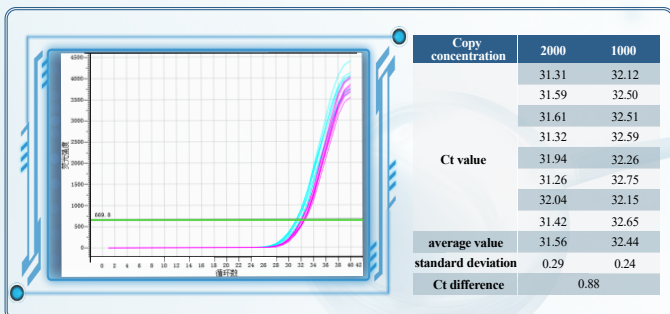


HANGZHOU BIOER TECHNOLOGY CO., LTD.

* Due to bo Day technology products constantly updated, product color and final shape to the object.

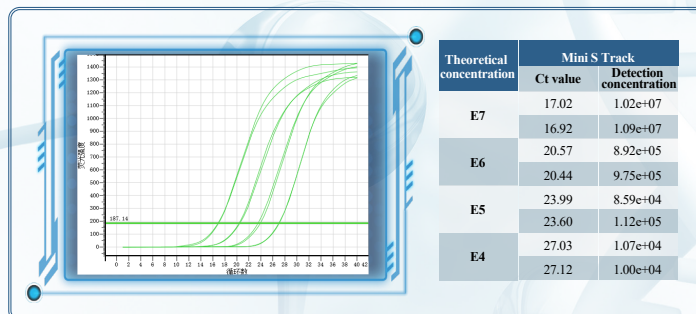
PRODUCT PERFORMANCE

Experiment 1: Experiment of distinguishing between 2000 copy concentration and 1000 copy concentration



Experimental results show that the Ct difference is extremely close to the perfect theoretical value 1, LineGene Mini S has accurate detection performance, and can perfectly distinguish the detection data at different concentrations.

Experiment 2: Standard curve performance test of HBV of 5μl.



Experimental results show that LineGene Mini S has excellent concentration gradient detection performance and good curve fitting effect.

PRODUCT SPECIFICATION

Product name	LineGene MiniS Fluorescent Quantitative Detection System	
Product model	FQD-16B(EA4)	FQD-16B(EA2)
Sample capacity	16×0.2ml single tube (transparent tube)	
Detection path	4 Detection Channels	2 Detection Channels
Fluorescence dyes	F1:FAM、SYBR GreenI F2:VIC、HEX、TET、JOE、TAMRA、CY3 F3:Rox F4:CY5	F1:FAM、SYBR GreenI F2:VIC、HEX、TET、JOE、TAMRA、CY3
Reaction system	5-100μl	
Dynamics range	1-10 ¹⁰ Copies/L	
Excitation wavelength	400 ~ 700nm	
Fluorescence Emission wavelength	450 ~ 750nm	
Temperature range	4°C ~ 105°C	
Temperature accuracy	≤±0.2°C	
Module temperature control accuracy	≤±0.2°C	
Temperature uniformity	≤±0.25°C	
Max ramp rate	5°C/s	
Temperature control mode	Block model、Tube model	
Hot-lid temperature range	30-110°C (adjustable)	
Special functions	Qualitative/absolute quantitative, relative quantitative, SNP analysis, fusion curve method genotyping, standard curve, fusion curve, allele identification, gradient, HRM, automatic gain, user defined parameters, etc	
Input power	100-240V, 50/60Hz	
Signal interface	Netport (connected with PC)	
Dimension(mm)	364×210×180 (L×W×H)	
Net weight	7Kg	

* Effect value tested in standard lab environment



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