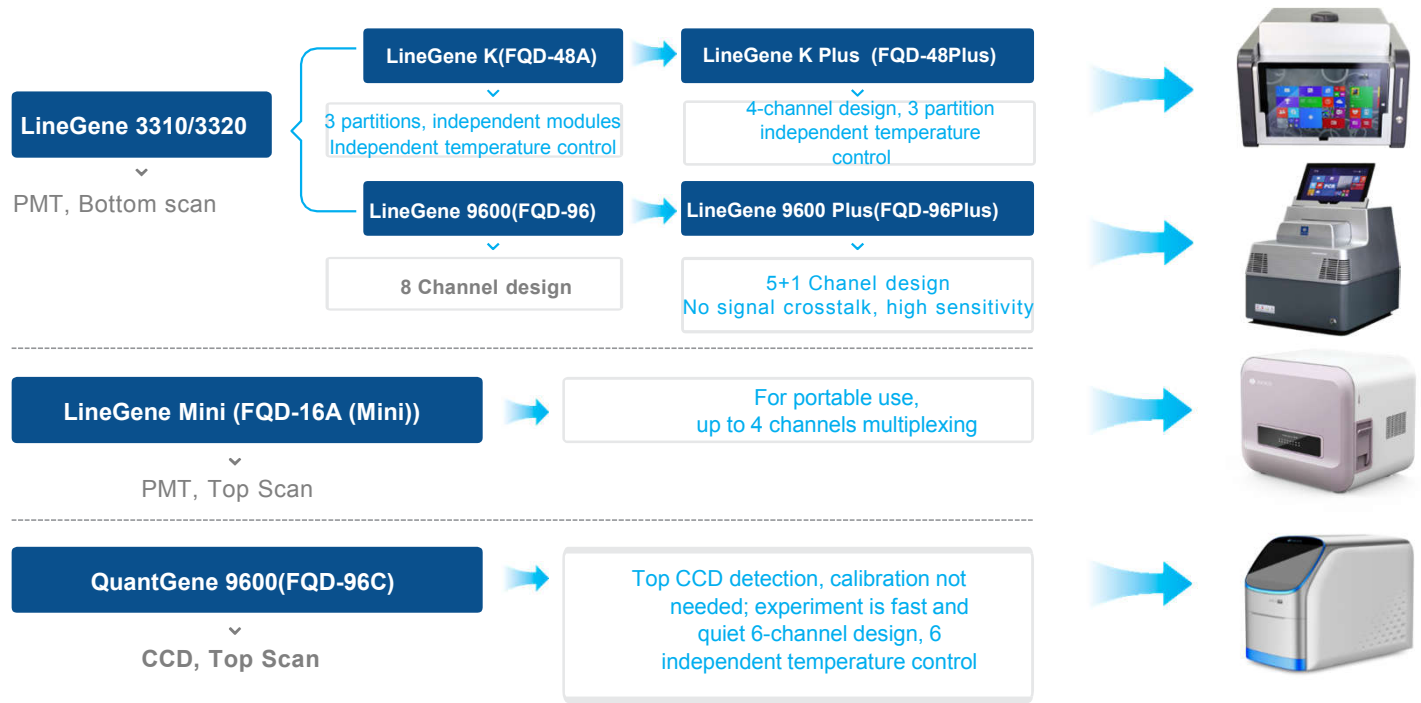




# QuantGene 9600

## History of Real Time PCR Detection System





# QuantGene 9600

## Feature



Matrix light source, cluster fiber, dual filter wheel, and CMOS detector; wider range of excitation and reception. Zero distortion of signal transmission.



01

New optic system design

02

Top detection  
No calibration

## Feature



No calibration needed due to eliminated optical path difference by using cluster fiber technology. Faster detection speed to 1 sec/test/channel.

No gain value setting and better curve fitting provide wide linear analysis and better reproducibility.

6 temp zones

03

## Feature



6 temp zones, accurate temp control, and built-in hot lid, increase reaction speed and reduce evaporation.



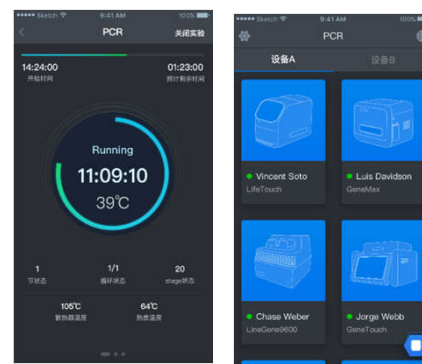


Productos para Laboratorio  
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# QuantGene 9600

- ◆ App for smart phone  
 Real-time monitoring for easy management and operation



- ◆ Large Touch Screen  
 Stand-alone operation; upload PC edited program by USB



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# QuantGene 9600

Brand models	Picture	Excitation wavelength	Emission wavelength	Heating/cooling rate	Temp. control accuracy	Temp uniformity	Partition
Quant Gene 9600		300-800nm	500-800nm	6°C/S	±0.15°C	0.3°C	6
ABI Q5		450-680nm/96 450-650nm/384	500-730nm/96 500-700nm/384	6.5°C/S	±0.25°C	±0.4°C	6
ABI Q3		450-600nm	500-640nm	6.5°C/S	±0.25°C	±0.4°C	3



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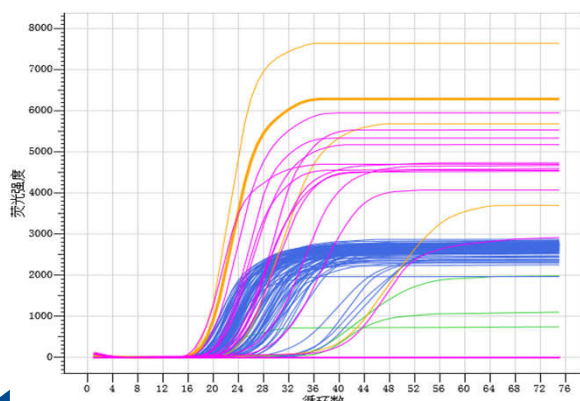
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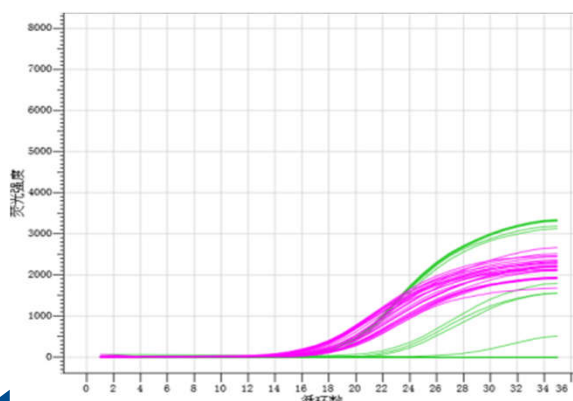


# QuantGene 9600



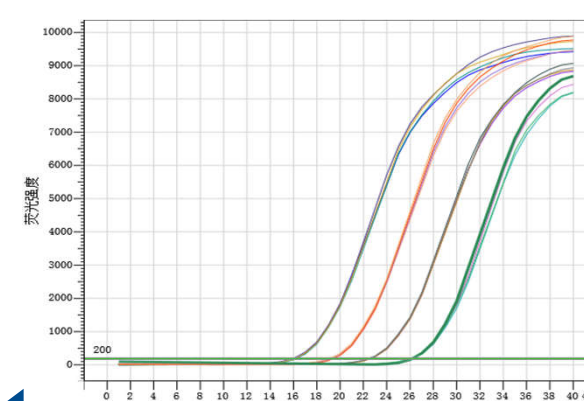
Isothermal Amplification

High-risk HPV13: FAM (Green)  
High-risk HPV16: CY5 (Red)  
High-risk HPV18: ROX (Yellow)  
ISTD: VIC (Blue)



Relative Quantitation

Mutation signal: FAM (Green)  
ISTD signal: HEX (Red)



Absolute Quantification

HBV detection kits result: good stability and repeatability



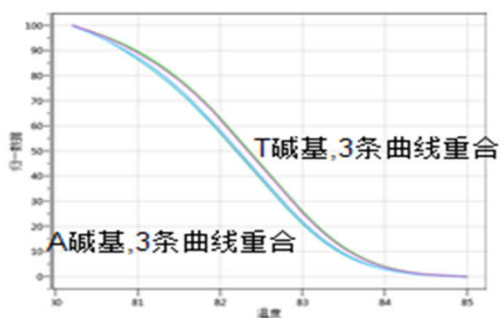
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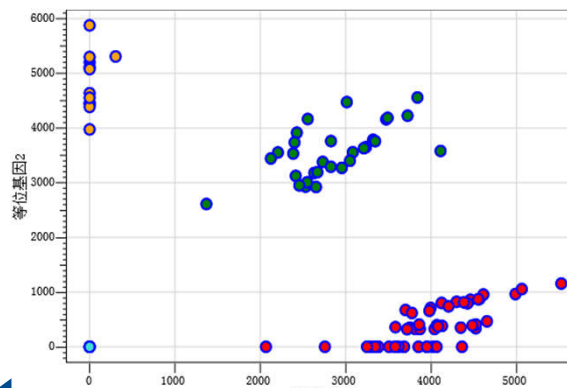


# QuantGene 9600



归一曲线

HRM



SNP

High sensitivity, able to detect single base difference

