DaAnGene



50 min
144 Samples

AGS4800

Real-time PCR Detection System

NMPA CE FSC

AGS4800 Real-time PCR Detection System

Introduction

AGS4800 high-throughput real-time PCR Detection System combines multi-model design and multi-fluorescence channel detection features to provide outstanding performance and reliable results. It can provide accurate analysis of 1 to 144 nucleic acid samples (RNA/DNA) for a wide range of applications, such as immunology, human genome engineering, forensic medicine, and clinical diagnosis of viruses, tumors and hereditary diseases, etc.

Features

Flexible

Flexible sample throughput according to budget and demands (48, 96 and 144 optional).

Unique

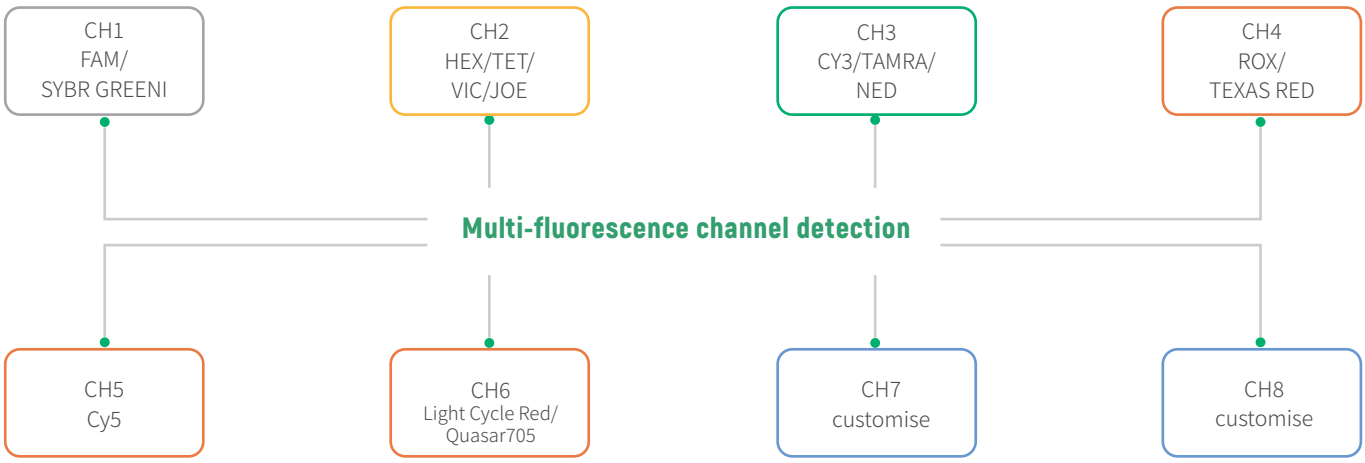
Multi-model design, enable three experiments in different reaction conditions at the same time.

Automatic

Automatic sample inlet and outlet as well as automatic hot lid.

Intelligent

Wireless remote control and analysis.



6 standard channels+2 customized channels.





AGS4800/144



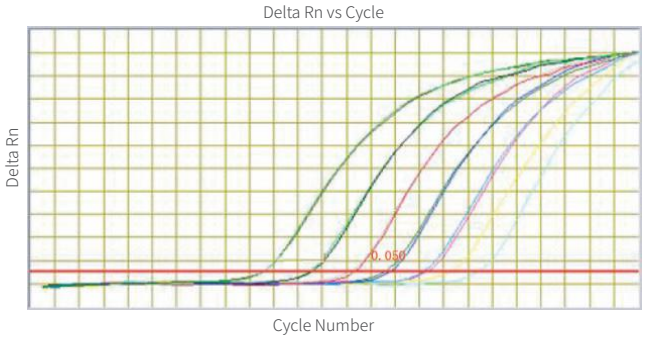
AGS4800/96



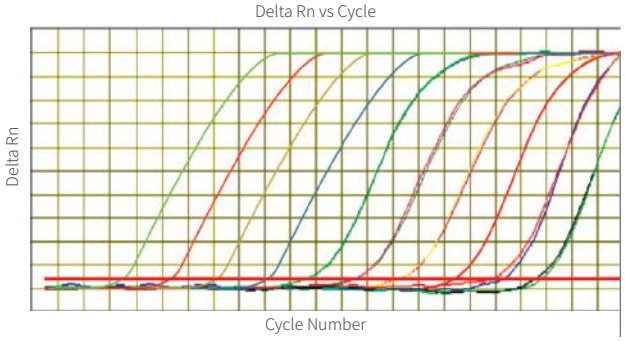
AGS4800/48

Result

Amphlification curve



10^0-10^{10} copies sensitivity experiment



Parameters

Throughput	48/96/144*0.2 mL
Reaction volume	5-100 μL
Sensitivity	As low as 1 copy
Temperature range	4-100°C
Temperature uniformity	±0.3°C (@55°C)
Temperature control accuracy	±0.1°C (@55°C)
Speed of heating and cooling (MAX)	⩾4.5°C/s
Optics	LED+PD
Fluorescence dyes	**F1:**FAM, SYBR GREENI **F2:**VIC, HEX, JOE, TET
	F3:CY3 **F4:**ROX **F5:**CY5 **F6:**Light Cycler Red/Quasar705 **F7:**Customise **F8:**Customise
Dimension (mm) (L×W×H)	580×430×330 (one layer) 580×430×560 (two layers) 580×430×780 (three layers)
Net Weight (kg)	36/65/92
Certificates	CE, NMPA, FSC

Decode Genetic Life. Assure Human Health.

DaAnGene

https://en.daangene.com/

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