

Real-Time PCR System 5 Channel



Description

Based on real-time fluorescence quantitative polymerase chain reaction (PCR) technology, RTR-5000 can be widely used in researches such as immunology, human genome engineering, forensic medicine, oncology, histology, population biology, palaeobiology, zoology and botany, as well as in clinical diagnosis of viruses, tumours and hereditary diseases, etc.

Technical:

Model	RTR-5000
Sample Capacity	96x0.2ml
Light Source	Halogen lamp
Detection System	CCD
Temperature Range	4-100?
Sensitivity	up to 1 copy
Test Dynamic Range	100-10 ¹⁰
Reaction Volume	5-100?l
Fluorophores Applicable	F1?FAM?SYBR F2?VIC?HEX?JOE?TET? F3?ROX?Texas Red F4?CY5 F5?CY5.5, Quasar705 F6-F8?Reserved
Hot Lid	Electronic hot-lid
Temp. Control	Semiconductor TE
Uniformity	±0.2?
Accuracy	±0.1?
Heating Rate	?4.5?/s
Cooling Rate	?4.5?/s
Hot-lid Temp. Range	30-105?
Fluorescence Repeatability	CV ? 1%
Fluorescence Extraction Location	Tube Bottom
Communication Interface	USB 2.0
Operation System	Windows Vista/7/8/10
Input Power	100-240V, 50/60Hz, 1000VA
Dimension (L*W*H)	500x350x300 mm
Electrical Requirement	
Catalogue No.	6206505-00

Shipping:	2 - 3 weeks Delivery.
number_of_cycle:	-
gradient_temp_range:	-
power:	-
resolution:	-
temperature_range:	4-100?

capacity:	96x0.2ml
model:	RTR-5000

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