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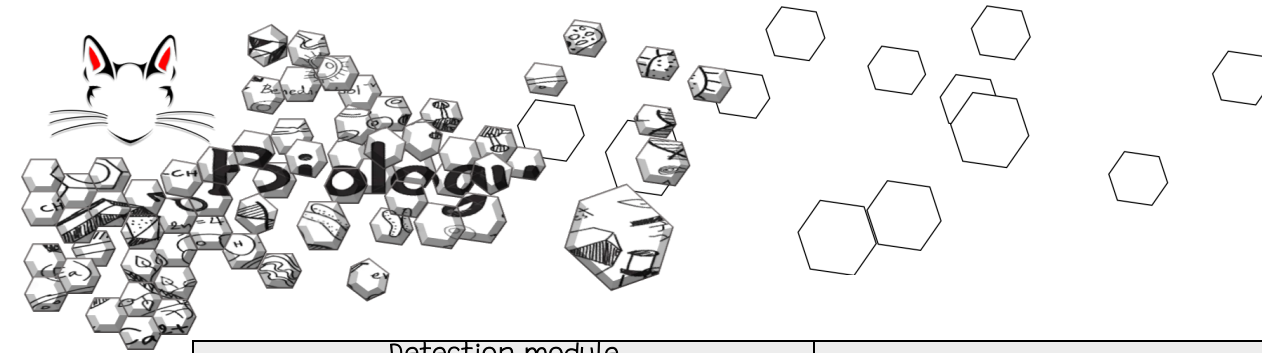
Quantitative Real-time PCR-96-wells QP96C4/QP96C6



- Four channels and six channels cover most fluorescence
- Effectively reduces multi-color crosstalk and edge effects without fluorescence correction
- Optical scanning detection system, high sensitivity and resolution, accurate identification of negative and positive
- Innovative scanning method and time-resolved signal separation technology
- Unique zoned temperature control and edge temperature compensation technology ensures temperature uniformity



Model	QP96C4	QP96C6
Sample capacity	96x0.1ml PCR tube/12x0.1 ml 8-strip tube/96-well microplate	
Reaction volume	10-50 μ l	
Thermal cycling	Peltier	
Max temp change rate	6°C/s	
Heat temp range	4~100°C	
Temp Accuracy	+ / - 0.2°C	
Temp uniformity	+/- 0.2°C@60°C ; +/- 0.3°C@95°C	
Gradient Setting Range	30~100°C	
Temp Gradient Difference	1~40°C	
Excitation light source	4 pcs LED	6 pcs LED



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Detection module	PMT	
Detection mode	Time resolved scan	
Excitation/detection range	455~650nm/510~715nm	
Fluorescence channel	4 channel	6 channel
Sensitivity	Single copy gene	
Resolution	1.33-fold copy number differences in singleplex reactions	
Dynamic range	10 orders of magnitude copies	
Applicable dyes	FAM/SYBR Green, VIC/JOE/HEX/TET,ABY/NED/TAMRA/Cy3,ROX/ Texas Red,Cy5/LIZ/Quasar	
Dimension	L500×W360×H380mm	
Weight	25 kg	
Power supply	110V/220V;50/60Hz	